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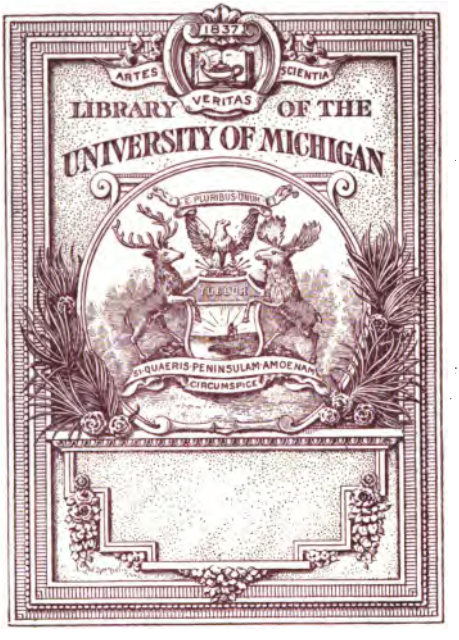

THE GIFT OF
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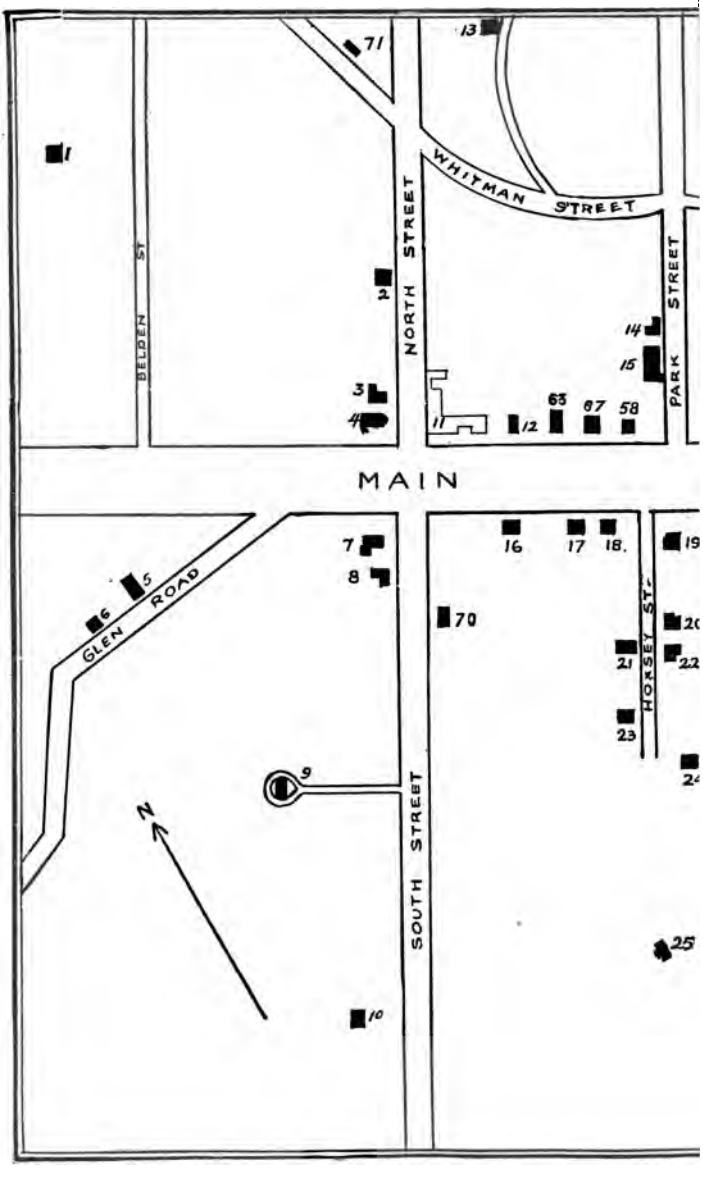
3 K. A. Annex
4 K. A. Lodge
5 A. Z. A. Lodge
6 Prof. J. P. King
7 St. Anthony Hall
8 Prof. J. E. Russell
9 Prof. S. F. Clarke
10 Prof. H. L. Nelson
11 Greylock Hotel
12 Prof. G. M. Wahl
13 Prof. J. H. Hewitt
14 Mr. C. H. Burr
15 Episcopal Church
16 Α Δ Φ
17 Φ Δ Θ
18 Δ Κ Ε
19 Χ Ψ
20 Prof. W. E. McElfresh
21 Prof. C. L. Maxcy
22 Prof J. L. Kellogg
23 Θ Δ Χ
24 Prof. L. Mears
25 New Observatory
26 Infirmary
27 Haystack Monument
28 Faculty Club
Prof. D. T. Clark
Mr. E. A. Green
Prof. J. G. Hardy
Prof. W. I. Milham
Mr. P. Smith
Dr. L. L. Woodruff
29 President's House
30 West College
31 Morgan Hall
32 Jesup Hall
33 Biological Laboratory
34 Chemical Laboratory
35 Physical Laboratory



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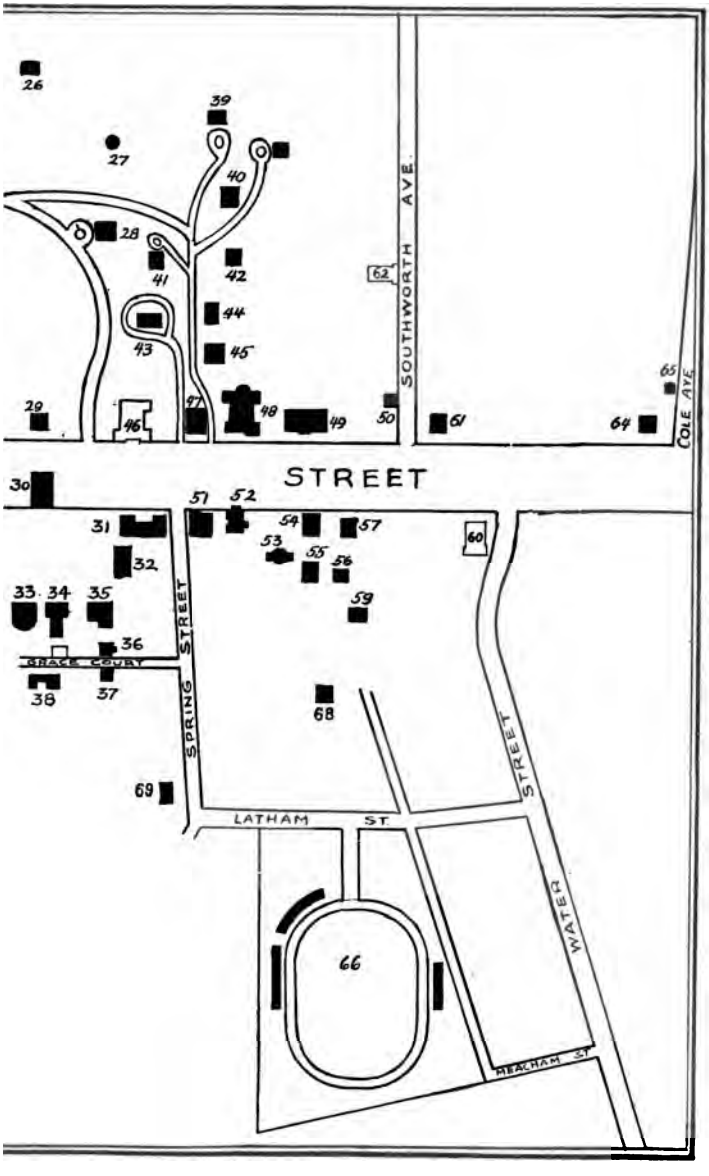

36 Prof. R. A. Rice
37 Prof. L. W. Spring
38 Prof. L. Perry
39 Dr. E. B. Parsons
40 Prof. F. Goodrich
41 Dr. Franklin Carter
Prof. T. C. Smith
42 Mr. C. F. Seeley
43 Σ Φ
44 Prof. F. H. Howard
45 College Hall
46 Congregational Church
47 Hopkins Hall
48 Thompson Chapel
49 Griffin Hall
50 Prof. H. D. Wild
51 Lasell Gymnasium
52 Goodrich Hall
53 Library
54 East College
55 South College
56 Old Observatory
57 Clark Hall (Geological Museum)
58 Mr. E. M. Lewis
Prof. D. H. Webster
59 Jackson Hall
60 Methodist Church
61 Δ Υ
62 Catholic Church
63 Prof. H. F. Cleland
Mr. E. W. Billetdoux
Mr. V. DeBeaumont
64 Prof. A. H. Morton
65 Mr. T. F. Collier
66 Weston Field
67 Prof. F. C. Ferry
68 Central Heating Plant
69 Mr. P. Capron
70 Mr. W. Hart
71 Mr. B. J. Rees

ɜE AND VICINITY

CATALOGUE

OF

WILLIAMS COLLEGE

1905–1906

WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1905

1905

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CALENDAR

1905

June 21—Dedication of Thompson Memorial Chapel....Wednesday
June 22—**Commencement** .....Thursday
July 1—Last day for re-application for scholarships....Saturday

SUMMER VACATION OF THIRTEEN WEEKS

Sept. 16-20—Examinations for Admission..Sat., Mon., Tues., Wed.
Sept. 18-20—Registration of all classes..Mon., Tues., Wed. morning
Sept. 21—**Beginning of the College Year**.....Thursday
Oct. 3—Mountain Day, a holiday.....Tuesday
Oct. 5—Meeting of the Board of Trustees.....Thursday
Oct. 14—Last day for registering for the Master's Degree Saturday
Nov. 1—Last day for registering for Clark Scholarships Wednesday
Nov. 30—Thanksgiving Day, a holiday.....Thursday
Dec. 20—**Christmas Recess begins**.....Wednesday 12:30

1906

Jan. 3—**Christmas Recess ends**.....Wednesday
Jan. 13—Clark Scholarship Examination, Minor Subject..Saturday
Jan. 31—Recitations end.....Wednesday
Feb. 1—Semi-Annual Examinations begin.....Thursday
Feb. 10—First Semester ends.....Saturday

Feb. 11—Second Semester begins.....Sunday
Feb. 11—Day of Prayer for Colleges.....Sunday
Feb. 22—Washington's Birthday, a holiday.....Thursday
April 11—**Easter Recess begins**.....Wednesday 12:30
April 18—**Easter Recess ends** .....Wednesday
May 10—Meeting of the Board of Trustees.....Thursday
May 30—Memorial Day, a holiday.....Wednesday
June 2—Clark Scholarship Examination, Major Subject..Saturday
June 9—Recitations end.....Saturday
June 11-20—Semi-Annual Examinations....Monday to Wednesday
June 23—Graves Prize Speaking.....Saturday evening
June 23-27—Examinations for Admission..Sat., Mon., Tues., Wed.
June 24—Baccalaureate Sermon.....Sunday forenoon

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June 24—Mission Park Meeting.....Sunday afternoon
June 25—Meeting of the Board of Trustees.....Monday
June 25—Prize Rhetorical Exhibition.....Monday evening
June 26—Alumni Meeting.....Tuesday forenoon
June 26—Class Day Exercises.....Tuesday afternoon
June 27—**Commencement** .....Wednesday
June 30—Last day for re-application for scholarships....Saturday

SUMMER VACATION OF TWELVE WEEKS

Sept. 15-19—Examinations for Admission..Sat., Mon., Tues., Wed.
Sept. 17-19—Registration of all classes, Mon., Tues., Wed. morning
Sept. 20—**Beginning of the College Year**.....Thursday
Oct. 11—Meeting of the Board of Trustees.....Thursday
Oct. 15—Last day for registering for the Master's Degree..Monday
Nov. 1—Last day for registering for Clark Scholarships..Thursday

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PRESIDENTS

Rev. EBENEZER FITCH, D.D., 1793-1815
Rev. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821
Rev. EDWARD DORR GRIFFIN, D.D., 1821-1836
Rev. MARK HOPKINS, D.D., LL.D., 1836-1872
Hon. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881
FRANKLIN CARTER, Ph.D., LL.D., 1881-1901
(JOHN HASKELL HEWETT, LL.D., Acting President 1901-1902)
Rev. HENRY HOPKINS, D.D., LL.D., 1902

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President HENRY LEFAVOUR, Ph.D., LL.D., Boston

*Died October 2, 1905.

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SECRETARY AND TREASURER

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WILLIAM W. ADAMS
CHARLES C. HALL
HAMILTON W. MABIE
WILLIAM H. HOLLISTER, JR.

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ALBERT C. HOUGHTON
EUGENE DELANO

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JAMES M. BARKER
HENRY LEFAVOUR

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JAMES R. GARFIELD
HARRY P. DEWEY

COMMITTEE ON THE LIBRARY

DANIEL MERRIMAN
JAMES R. DUNBAR

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THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE

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VICE PRESIDENT—HOWARD JASON ROGERS, of Albany, N. Y., Class of 1884

SECRETARY AND NECROLOGIST—REV. EBEN BURT PARSONS, M.A., D.D., of Williamstown, Class of 1859

TREASURER—ALBERT EDMUND CLUETT, of Troy, N. Y., Class of 1893

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1903-1906

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1904-1907

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HON. JOHN HENRY BURKE, LL.B., of Ballston Springs, N. Y., Class of 1884

1905-1908

CHARLES SUMNER HOLT, of Chicago, Ill., Class of 1874

JOSIAH MANNING LASELL, of Whitinsville, Class of 1886

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LEVERETT MEARS, PH.D. — Hoxsey St.
Professor of Chemistry

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Professor of the German Language and Literature

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Massachusetts Professor of the Latin Language and Literature

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Field Memorial Professor of Astronomy

HENRY LOOMIS NELSON, L.H.D. — South St.
David A. Wells Professor of Political Science

* Arranged in the order of appointment to rank

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Professor of Biology

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J. Leland Miller Professor of American History, Literature, and Eloquence

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Professor of Geology and Botany

WILLIAM EDWARD MCELFRESH, PH.D. Hoxsey St.
Thomas T. Reed Professor of Physics

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Garfield Professor of Ancient Languages

Jackson Professor of Christian Theology, and Pastor of the College Church

---

Orrin Sage Professor of Political Economy

JAMES GRAHAM HARDY, PH.D. Faculty Club
Assistant Professor of Mathematics

FREDERICK HOLLIS HOWARD, M.D. College Place
Assistant Professor of Physiology

JAMES PERCIVAL KING, PH.D. Glen St.
Assistant Professor of German

LEWIS PERRY, M.A. Grace Court
Assistant Professor of English

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Assistant Professor of Economics

KARL EPHRAIM WESTON, M.A.†
Assistant Professor of the Romance Languages

DAVID TAGGART CLARK, M.A. Faculty Club
Assistant Professor of Greek

MONROE NICHOLS WETMORE, PH.D. Southworth St.
Assistant Professor of Latin

EDMOND WOOD BILLETDOUX, M.A. West Main St.
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Instructor in Public Speaking and Oratory

† Absent in Europe on leave

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Director of the Gymnasium

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Library Assistant in Government

RAYMOND EUGENE COOK, B.A. — E. Main St.
Library Assistant in History

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President

HENRY DANIEL WILD, M.A.
Chairman pro tempore of the Faculty

FREDERICK CARLOS FERRY, PH.D.
Dean of the College

WILLARD EVANS HOYT, B.A.
Treasurer

REV. EBEN BURT PARSONS, D.D.
Secretary of the Faculty

REV. CHARLES HENRY BURR, B.A.
Librarian

ELMER ALANSON GREEN, M.A.
Secretary to the President and the Dean

WILLIAM COOK HART, B.A.
Assistant to the Treasurer

PERMANENT FACULTY COMMITTEES

The President of the College is *ex-officio* a member of all committees.

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The Chairman pro tempore of the Faculty
The Dean of the College
Senior Class Officer—PROFESSOR RICE
Junior Class Officer—PROFESSOR SPRING
Sophomore Class Officer—PROFESSOR GOODRICH
Freshman Class Officer—PROFESSOR HEWITT

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THE PRESIDENT OF THE COLLEGE, *ex-officio*
THE LIBRARIAN OF THE COLLEGE, *ex-officio*
PROFESSOR HEWITT
PROFESSOR SPRING
PROFESSOR CLARKE

COMMITTEE ON ADMISSIONS

DEAN FERRY, *Chairman*
PROFESSOR HEWITT
PROFESSOR GOODRICH
PROFESSOR WAHL
PROFESSOR WILD
PROFESSOR MORTON
PROFESSOR MAXCY

COMMITTEE ON SCHOLARSHIPS

PROFESSOR KELLOGG, *Chairman*
DEAN FERRY

COMMITTEE ON CLARK SCHOLARSHIPS

PROFESSOR HEWITT, *Chairman*
ASSISTANT PROFESSOR HARDY
PROFESSOR KELLOGG

COMMITTEE ON PRIZES

PROFESSOR MAXCY

COMMITTEE ON GRADUATE STUDENTS

PROFESSOR HEWITT, *Chairman*
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COMMITTEE ON *"NUNC PRO TUNC" DEGREES*

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COMMITTEE ON EXTRA WORK

PROFESSOR MILHAM, *Chairman*
PROFESSOR CLELAND
PROFESSOR SMITH

COMMITTEE ON THE BULLETIN

ASSISTANT PROFESSOR HARDY, *Chairman—Editor of the Catalogue and Administrative numbers*
REV. E. B. PARSONS, *Editor of the Alumni Report and Obituary Record numbers*

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PROFESSOR MEARS

COMMITTEE ON ATHLETICS

(Faculty members of the Athletic Council)
PROFESSOR WILD, *Chairman*
PROFESSOR MAXCY
ASSISTANT PROFESSOR PERRY

WILLIAMS COLLEGE

The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows:

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the Province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the Province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in said town; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the Donation of Ephraim Williams, Esq., for maintaining a Free School in Williamstown"; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and proceedings made, done or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interest of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either

to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted, that the said trustees and their successors forever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or

mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donations should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and where there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building, the trustees sent a petition, August 19, 1788, to the legislature, "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793:

An act to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority, from time to time, as they shall determine, to elect a vice president and secretary of the said corporation and to declare the tenures and

duties of their respective offices and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted, that the said corporation may have one common seal, which they may change, break or renew, at their pleasure; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of the President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of the President and Trustees of Williams College; and that the said corporation shall be capable of having, holding and taking in fee simple of any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden and in the manner of notifying the trustees to convene at such meetings; and also from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors and other officers of said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, president of said corporation. And the said corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any

meeting, unless seven at least of the trustees are present; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estates, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in said corporation, as shall be judged necessary to promote the best interest of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

WHEREAS, Doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE:

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for

the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about $10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805:

> The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following resolve:
>
> *Resolved,* For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians.
> * * *

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of $9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and

the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received "three-sixteenths parts," which amounted to $30,000. In 1859 the State gave the College $25,000, and in 1868, $75,000. The total of these legislative gifts is $153,500.

In 1883 the following act was passed:

An act to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read: "Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

In 1890 the legislature passed the following act:

The corporation known as The President and Trustees of Williams College and its standing committees may hold special meetings without the limits of the Commonwealth.

The principal college buildings with the dates of their erection are as follows: West College, 1790; remodeled in 1904; East College, 1798; burned in 1841, rebuilt, 1842; South College, 1842; remodeled in 1905; Griffin Hall, 1828; removed and remodeled in 1904; Hopkins Observatory, 1837; Lawrence Hall Library, 1846; Jackson Hall, 1856; Goodrich Hall, 1859; formerly the Alumni Hall Chapel, remodeled and converted into recitation and seminar rooms in 1905; College Hall, 1872; Clark Hall, 1881; Field Memorial Observatory, 1882; Morgan Hall, 1882; burned in 1904 and rebuilt in 1905; Lasell Gymnasium, 1886; Library Extension, 1890; Hopkins Memorial Hall, 1890; Thompson Chemical Laboratory, 1892; Thompson Biological Laboratory, 1893; Thompson Physical Laboratory, 1893; College Infirmary, 1895; Jesup Hall, 1899; Thompson Memorial Chapel, 1904; Central Heating Plant, 1904.

ADMISSION

All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.

REQUIREMENTS FOR ADMISSION

Every candidate for admission must present a testimonial of good character from the teacher under whom he was prepared for college. This must be submitted before the attendance on college exercises begins.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by each subject being given in detail below. Groups I, II, III, IV, and V admit to a course leading to the degree of Bachelor of Arts; Group VI admits to a partial course not leading to a degree, but permitting students to take such college courses as they are prepared to pursue, subject to the conditions specified on page 42.

GROUP I

English
**French a or German a*
Greek
History *a*
Latin
Mathematics *a* and *c*

GROUP II

English
French *a*
French *b*
**German a*
History *a*
Latin
Mathematics *a* and *c*

GROUP III

English
**French a*
German *a*
German *b*
History *a*
Latin
Mathematics *a* and *c*

GROUP IV

English
French *a*
**German a*
History *a*
Latin
Mathematics *a*, *b*, *c*, *d*, and *f*

* See the third paragraph below.

GROUP V

English
**French a*
German *a*
History *a*
Latin
Mathematics *a*, *b*, *c*, *d*, and *f*

GROUP VI

(PARTIAL COURSE NOT LEADING TO A DEGREE)

English
French *a* and *b* or
German *a* and *b* or
Greek or
Latin
History *a*
Mathematics *a* and *c*

The details of the requirements in each subject are given in the following pages. English includes in every case English *a* and *b*; and Latin includes Latin *a*, *b*, *c*, *d*, *m*, and *n*.

The requirements in all subjects except Greek agree in their subdivisions and notation with those of the College Entrance Examination Board. Greek *a*, *b*, *c*, *g*, and *h* of the College Entrance Examination Board are accepted as covering the admission requirement of the College in that subject.

Subjects in italics above are not *required* for admission, but may be taken in college. If these subjects are offered at entrance, the requirement for graduation is fifty-nine year-hours† of college work; otherwise that requirement is sixty-two year-hours. For general statement regarding such anticipation of college courses, see page 41. (For explanation of the term "year-hours," see page 44.)

* See the third paragraph below.
† See the note at the bottom of page 44.

Students who enter as candidates for a degree, but have somewhat serious deficiencies or irregularities in their entrance records, are classified in their partial course group until the deficiencies or irregularities have been removed.

DETAILS OF SUBJECTS

ENGLISH Two sets of books are prescribed for preparation in English, the A-group and the B-group; those in the A-group are for reading, and practice in the essentials of composition and grammatical construction; those in the B-group for more extended study.

a A-group The candidate will be required to show a general familiarity with the subject-matter of the books contained in this list, and to answer questions on the lives of the authors. An important element of the examination will be the writing of paragraphs on topics chosen from the books assigned. The treatment of the topics thus presented will be taken as evidence of the candidate's power to express his thoughts with clearness and accuracy. *Work that is notably deficient in spelling, punctuation, idiom, and proper division into paragraphs will not be accepted as satisfactory.*

The books prescribed for this part of the entrance work are:—

In 1906, 1907, and 1908:—Shakspere's *Macbeth* and *The Merchant of Venice; Sir Roger de Coverley Papers* in *The Spectator;* Irving's *Life of Goldsmith;* Coleridge's *The Ancient Mariner;* Scott's *Ivanhoe* and *The Lady of the Lake;* Tennyson's *Gareth and Lynette, Launcelot and Elaine,* and *The Passing of Arthur;* Lowell's *The Vision of Sir Launfal;* Eliot's *Silas Marner.*

b B-group The examination on this part of the work presupposes a more careful study of the books prescribed, and a thorough familiarity with them as works of literature and with their authors as representative writers.

The books set for this part of the examination are:—

In 1906, 1907, and 1908:—Shakspere's *Julius Caesar;* Milton's *Lycidas, Comus, L'Allegro,* and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's essays on *Milton* and *Samuel Johnson.*

Note: In the examination on both groups the candidate will be expected to answer questions on English grammar. Preparatory schools are urged to give thorough and systematic drill in the principles of grammar and in elementary composition, particularly in the development of the paragraph.

FRENCH

a Elementary French

The Aim of the Instruction At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of every-day life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

The Work to be Done During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the form and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical

or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About's *Le roi des montagnes,* Bruno's *Le tour de la France,* Daudet's easier short tales, LaBédollière's *La Mère Michel et son chat,* Erckmann-Chatrian's stories, Foa's *Contes biographiques* and *Le petit Robinson de Paris,* Foncin's *Le pays de France,* Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon,* Legouvé and Labiche's *La cigale ches les fourmis,* Malot's *Sans famille,* Mairet's *La tâche du petit Pierre,* Mérimee's *Colomba,* extracts from Michelet, Sarcey's *Le Siége de Paris,* Verne's stories.

b The Intermediate Requirement

The Aim of the Instruction At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

The Work to be Done This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories, Augier and Sandeau's *Le gendre de M. Poirier,* Béranger's poems, Corneille's *Le Cid* and *Horace,* Coppée's poems, Daudet's *La Belle-Nivernaise,* La Brète's *Mon oncle et mon curé,* Madame de Sévigné's letters, Hugo's

Hernani and *La chute,* Labiche's plays, Loti's *Pêcheur d'Islande,* Mignet's historical writings, Molière's *L'avare* and *Le bourgeois gentilhomme,* Racine's *Athalie, Andromaque* and *Esther,* George Sand's plays and stories, Sandeau's *Mademoiselle de la Seiglière,* Scribe's plays, Thierry's *Récits des temps mérovingiens,* Thier's *L'expédition de Bonaparte en Égypte,* Vigny's *La canne de jonc,* Voltaire's historical writings.

GERMAN

a The Elementary Requirement

The Aim of the Instruction At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and construction, to put into German short English sentences taken from the language of every-day life or based upon the text given for translation, and to answer questions upon the rudiments of the grammar, as defined below.

The Work to be Done During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of every-day life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature

in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder;* Arnold's *Fritz auf Ferien;* Baumbach's *Die Nonna* and *Der Schwiegersohn;* Gerstäcker's *Germelshausen;* Heyse's *L'Arrabbiata, Das Mädchen von Treppi,* and *Anfang und Ende;* Hillern's *Höher als die Kirche;* Jensen's *Die braune Erica;* Leander's *Träumereien,* and *Kleine Geschichten;* Seidel's *Märchen;* Stökl's *Unter dem Christbaum;* Storm's *Immensee* and *Geschichten aus der Tonne;* Zschokke's *Der zerbrochene Krug.*

Good plays adapted to the elementary course are much harder to find than good stories. Five-act plays are too long. They require more time than it is advisable to devote to any one text. Among shorter plays the best available are perhaps Benedix's *Der Prozess, Der Weiberfeind,* and *Günstige Vorzeichen;* Elz's *Er ist nicht eifersüchtig;* Wichert's *An der Majorsecke;* Wilhelmi's *Einer muss heiraten.* It is recommended, however, that not more than one of these plays be read. The narrative style should predominate. A good selection of reading matter for second year would be Andersen's *Märchen,* or *Bilderbuch,* or Leander's *Träumereien,* to the extent of, say, forty pages. After that such a story as *Das kalte Herz;* or *Der zerbrochene Krug;* then *Höher als die Kirche,* or *Immensee;* next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess.*

b The Intermediate Requirement

The Aim of the Instruction At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether

recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

The Work to be Done The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

The intermediate course is supposed to be the elementary course, plus one year's work at the rate of not less than four recitations a week. Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein;* Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit* —for example *Karl der Grosse, Aus den Kreuzzügen, Doktor Luther, Aus dem Staat Friedrichs des Grossen;* Fouqués *Undine;* Gerstäcker's *Irrfahrten;* Goethe's *Hermann und Dorothea* and *Iphigenie;* Heine's poems and *Reisebilder;* Hoffmann's *Historische Erzählungen;* Lessing's *Minna von Barnhelm;* Meyer's *Gustav Adolf's Page;* Moser's *Der Bibliothekar;* Riehl's novellen—for example, *Burg Neideck, Der Fluch der Schönheit, Der Stumme Ratsherr, Das Spielmannskind;* Rosegger's *Waldheimat;* Schiller's *Der Neffe als Onkel, Der Geisterscher, Wilhelm Tell, Die Jungfrau von Orleans, Das Lied von der Glocke,* ballads; Scheffel's *Der Trompeter von Säkkingen;* Uhland's poems; Wildenbruch's *Das edle Blut.*

GREEK

Hadley and Allen's or Goodwin's Grammar; translation into Greek of English passages based on Xeno-

phon; Xenophon, four books of the *Anabasis;* Homer, three books of the *Iliad*; translation at sight of passages of less difficult Greek prose. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20, and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. The unabridged, or the intermediate, edition of Liddell and Scott's *Greek Lexicon* is also recommended, but not any abridged lexicon.

Greek *a, b, c, g,* and *h* of the College Entrance Examination Board are accepted as covering the admission requirements of the College in that subject.

HISTORY

a Ancient history, comprising Greek history to the death of Alexander, and Roman to the death of Constantine: Smith's Smaller *History of Greece,* Oman's or Meyer's *History of Greece,* and Botsford's *History of Rome* are recommended. The related geography is also included.

Ancient history, as defined by the College Entrance Examination Board, extending to 814 A. D., will be accepted as an equivalent.

LATIN

a i Latin Grammar

ii Latin Composition: Translation into Latin of English passages based upon Caesar and Cicero

b Caesar: *Gallic War,* Books I-IV

c Cicero: Six orations

d Vergil: *Aeneid,* Books I-VI, and so much prosody as relates to accent, versification in general, and dactylic hexameter

m Translations at sight of Prose of no greater difficulty than the easier portions of Cicero's orations

n Translations at sight of Poetry of no greater difficulty than Vergil's *Aeneid*

MATHEMATICS

a Elementary Algebra Algebra through quadratics, problems depending on quadratic equations, the binomial theorem for positive integral exponents, and arithmetic and geometric progressions

b Advanced Algebra Higher Algebra as far as determinants and theory of equations, including binomial theorem for negative and fractional exponents, undetermined coefficients, partial fractions, reversion of series, and permutations and combinations

c Plane Geometry The usual theorems and constructions of good text-books, including the solution of numerous original exercises and applications to the mensuration of lines and plane surfaces

d Solid Geometry The usual theorems and constructions of good text-books, including the solution of numerous original exercises and applications to the mensuration of surfaces and solids

f Plane Trigonometry The six trigonometric functions, proofs of formulas, solutions of trigonometric equations, theory and use of logarithms, and the solution of right and oblique triangles

b, d, and *f* above comprise the work of the college course Mathematics 1.

ARRANGEMENT OF EXAMINATIONS FOR ADMISSION

Examinations for admission are held twice each year, in June and in September.

In June, 1906, the entrance examinations of the College will be those of the College Entrance Examination Board, of which Williams College expects to become a member. An application for the privilege of taking these examinations must be made several weeks in advance to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., from whom all necessary information regarding the June examinations can be obtained and to whom a fee of five dollars must be paid by every candidate trying those examinations. These examinations will be held June 18-23, 1906, at a large number of widely distributed points, including Williamstown. The marks given by the Board to the papers submitted at the time will be accepted by the College on the same terms as the results of the examinations conducted by the College in September. The custom of sending examination papers

from the College in June to preparatory schools for the use of candidates preferring to take the Williams College examinations there is discontinued.

In September the entrance examinations are given only by the College. They will be held the present year in rooms 6 and 10, Hopkins Hall, on the Saturday, Monday, Tuesday, and Wednesday before the beginning of the college year, September 15-19, as follows:

SATURDAY

9 A.M.—French
2 P.M.—German

MONDAY

9 A.M.—English
11 A.M.—History
2 P.M.—Greek

TUESDAY

9 A.M.—Latin
2 P.M.—Mathematics

WEDNESDAY

9 A.M.—Chemistry 1
2 P.M.—Biology 1, Physics 1

The passing mark is fifty in all final entrance examinations, and sixty or seventy-five, as explained above, in preliminary examinations.

Certificates showing that candidates have passed the examinations of another college or university in subjects required for admission to Williams College will ordinarily be accepted as valid for the subjects which they cover, on the same terms and conditions as the results of the regular Williams College entrance examinations.

PRELIMINARY EXAMINATIONS

Preliminary examinations in a part of the requirements for admission may be taken a year in advance by candidates desiring them, provided they bring from the principals

of their schools certificates specifying the subjects in which their teachers consider them prepared. The examination will cover the whole of each subject offered by the candidate; for example, Greek *b*, Latin *c*, or Mathematics *a* cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in the college course, candidates are requested to reserve the following subjects for the final examination: English *b*, Greek Prose Composition, Homer, Latin *c* or *d*, and Mathematics *a* or *c* (or Mathematics *b*, *d*, and *f*, if the admission group is IV or V). The subjects thus reserved can be passed in the preliminary examinations only by reaching a mark of seventy-five instead of sixty as required in other subjects.

No credit will be given for the preliminary examination unless the applicant pass in a substantial part of the subjects offered. The preliminary certificate will be valid for a year only, unless the examination has been passed in a specially creditable manner.

The times and places of the preliminary examinations, as well as the questions submitted, are the same as for the regular final examinations.

ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates of preparatory schools are accepted in place of examinations in English, Greek, History, Latin, and Mathematics *a* and *c*. Certificates will in no case be accepted for French *a*, French *b*, German *a*, German *b*, Mathematics *b*, *d*, or *f*, or for the anticipation of any course of study pursued in college. The privilege of sending students by certificate may be granted to a school which requests it, provided that the school has at least one candidate already preparing for admission to Williams College and that the Faculty of the college has such information concerning the work of the

school as will warrant granting the request. In general, a school which has recently sent properly trained students by examination is considered entitled, on application, to receive the certificate privilege and to retain it so long as there is no radical change in the management of the school; but any school will be dropped from the approved list whenever for a period of five years it has sent no students to the college.

This privilege is not granted to private tutors; and it is revocable in all cases when, in the opinion of the Faculty of the college, it is not properly exercised.

Certificates must be made out on blank forms furnished by the Chairman of the Committee on Admissions, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is less than two-thirds of the total requirement for admission in the group in which the candidate proposes to enter, the certificate will not be accepted. If the time devoted to a given subject seems inadequate, the certificate may be rejected for the subject in which such deficiency appears, though it may remain valid for other subjects. In such cases an examination upon the subjects involved will be required. For slight deficiencies conditions may be imposed.

A course of study which provides four full school years for Latin and three for Greek is regarded as adequate to give the proper preparation in those subjects.

A student who has failed to pass the entrance examinations in September at this or any other college, will not be received by certificate unless he has had, since such failure, at least a year of study in the school which issues the certificate.

Freshmen who have entered by certificate and have subsequently been dismissed for failure in their studies may re-enter with the next class on passing the entrance examinations. Certificates will not be accepted in such cases.

If students thus dismissed were originally admitted by examination, they may be excused from examination in certain subjects, if, in the judgment of the Committee on Admissions, their records warrant such exemption.

When a year or more has passed between the completion of the work for which the certificate vouches and the time for the student to enter college, satisfactory evidence that he has kept up his studies in the interval is required.

Certificates must be signed by the principal of the school and sent to the Chairman of the Committee on Admissions, before Commencement, so far as is practicable, but not in advance of the actual completion of the work for which they vouch. All certificates should be submitted at least as early as the first of September.

Blank certificates will be sent on request to the principal of any approved school but are not sent to other persons.

The certificates of the schools approved by the New England College Entrance Certificate Board are accepted, in accordance with the statements made above and subject to the rules of the Board, for admission to Williams College. After 1906 certificates will be accepted from no schools in New England which have not been approved by the New England College Entrance Certificate Board; and Williams College will accept such certificates after that time only in accordance with the regulations of that Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown St., Providence, R. I.

All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.

ANTICIPATION OF COLLEGE COURSES

I *Subjects in the admission groups*

Any college course included in the admission groups of page 27 of the catalogue, and the courses announced as Biology 1, Chemistry 1, and Physics 1, will be counted towards a degree, if offered in addition to the subjects required in any one group. The examinations in such additional subjects are the regular examinations for admission and are to be taken at the appointed times in June and September. A mark of fifty is sufficient for passing. Students will not be required after entrance to substitute other courses in place of those anticipated, provided only that the number of hours of classroom work per week never be less than twelve. The Chemistry and Physics examinations of the College Entrance Examination Board are counted equivalent to the entrance examinations in Chemistry 1 and Physics 1 offered at the college in September.

The college courses which may be anticipated thus are the following:—Biology 1, Chemistry 1, French 1, French 2, German 1, German 2, Mathematics 1, and Physics 1.

II *Subjects not in the admission groups*

Any student, by special vote of the Faculty, may be allowed to anticipate by examination a course of study not included among those mentioned in the above paragraph if he gives evidence of having had satisfactory instruction in the subject in some school or college. In such anticipatory examinations a mark of seventy-five will be required.

GRADUATION IN THREE YEARS

A student who is able to anticipate at entrance, in accordance with the above rules, two college courses may, by taking nineteen hours for two years, and eighteen hours for the third year, complete the requirement for graduation in three

years; but the Faculty may decline to permit a student to undertake this unless his general scholarship is of a sufficiently high character.

ADMISSION TO ADVANCED STANDING

Candidates for admission to advanced standing will be examined in the courses that have been pursued by the classes which they wish to enter, or in other equivalent courses.

Students who come from other colleges and who bring certificates of honorable dismissal may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

REGULATIONS CONCERNING PARTIAL COURSE STUDENTS

A candidate for the partial course must have studied some foreign language, ancient or modern, as the requirements of Group VI demand (see p. 28), with such proficiency as to enable him to continue it with some college course other than an elementary one, and he will be required to include this advanced course among his first year studies. No partial course student who offers French *b* or German *b* for admission will be permitted to take French 2 or German 2, respectively, after admission.

Partial course Freshmen must take at least seven hours a week with the Freshman class, unless they can anticipate by examination a full year's work in one or more of the Freshman courses, in which case they may take a corresponding number of hours with a higher class. They are expected to continue each study chosen through the college year or till the termination of that course, and, in general, to fulfill as far as possible the requirements made of students in the full course. In all matters of matriculation, promotion, and classification they are subject to the rules governing full course students.

Partial course students may be excluded from any course or dismissed from college at any time if the Faculty is convinced that they are not qualified to do their current work or are not making good use of their opportunities.

All correspondence in matters of admission to college should be addressed to the Chairman of the Committee on Admissions.

CURRICULUM

THE GROUP SYSTEM

The fundamental principle of the curriculum is that of the Group System, which comes into operation at the close of the Freshman year. This Group System presents the following features:—

There are three groups, I Languages, II Philosophy (including Government, History, and Political Science), and III Sciences (including Mathematics).

After Freshman year and under the operation of the Group System all studies are elective.

Although no specific studies are required after Freshman year, every student must have completed after that time and before graduation at least 12 semester-hours* in each of the three groups.

Every student must have completed, after Freshman year and before graduation, a major study. By a major study is meant a special, cumulative study of fundamental and advanced courses, amounting to at least 15 semester-hours in some one of the following subjects:—

1 Greek; 2 Latin; 3 English; 4 French; 5 German; 6 Philosophy; 7 History; 8 History and Art; 9 Economics; 10 Economics and Government; 11 Mathematics; 12 Chemistry; 13 Physics; 14 Biology; 15 Chemistry and Geology; 16 Astronomy and Mathematics.

*[NOTE—A semester-hour, or half-year hour, is one hour a week continued for a semester. A year-hour is one hour a week continued for a year. Twelve semester-hours are therefore equivalent to four three-hour-a-week courses pursued for a semester, or to two three-hour-a-week courses pursued for a year.]

Students in the course with Greek (Admission Group I) must have completed after Freshman year and before graduation at least 6 semester-hours of Greek or Latin.

Elementary French or Elementary German must either be presented at entrance in addition to the entrance subjects hitherto required, or else be taken as an extra course after entrance. The number of year-hours required for a degree will be 59 for those fulfilling this requirement at entrance and 62 for those who take the course in college. A second year is required of the language presented at entrance or begun in Freshman year.

At least 32 semester-hours of Sophomore work (the equivalent of four four-hour year courses) must be taken before graduation. (Cf. page 47.)

The number of semester-hours required for graduation is 118 (59 year-hours) ; or 124 (62 year-hours) for those who do not present one year of a modern language at entrance in addition to the subjects *required* by their admission group (see p. 27) ; but every student, in order to graduate, must have attained a grade above that of D in at least one-half the number of hours required for graduation.

EXHIBIT OF STUDIES

The following exhibit of studies indicates the courses of instruction that are offered to each class. The studies of the Freshman year are prescribed, except that there is an option between French and German for students in Group I. Students in Groups II and IV must have completed before graduation the work covered by Courses 1, 2, and 3 or 4 in French, and Courses 1 and 2 in German; those in Groups III and V must have completed before graduation the work covered by Courses 1 and 2 in French, and Courses 1, 2, and 3, 4, or 5 in German; those in Group I must have completed the second year's work in one of these languages. The groups are arranged according to the different terms of admission stated on page 27. The unenclosed figures refer to the courses of instruction as announced by the departments in the following pages, and the figures in parentheses indicate the number of exercises a week in each course.

FRESHMAN YEAR—REQUIRED COURSES

ADMISSION GROUP I		ADMISSION GROUP II		ADMISSION GROUP III		ADMISSION GROUP IV		ADMISSION GROUP V	
English 1	(2)	English 1	(2)	English 1	(2)	English 1	(2)	English 1	(2)
French 2 or German 2	(3)	French 3 or 4	(4)	French 2	(3)	French 2	(4)	French 2	(3)
		German 2	(3)	German 3 or 4	(4)	German 2	(3)	German 2	(4)
Greek 1	(4)	Latin 1	(3)	Latin 1	(3)	Latin 1	(3)	Latin 1	(3)
Latin 1	(3)	Mathematics 1	(4)	Mathematics 1	(4)	Mathematics 2	(4)	Mathematics 2	(4)
Mathematics 1	(4)		16		16		16		16
	16	Elocution		Elocution		Elocution		Elocution	
Elocution		Hygiene and Physical Training		Hygiene and Physical Training		Hygiene and Physical Training		Hygiene and Physical Training	
Hygiene and Physical Training									

NOTE—Freshmen in Group I who offer neither French 1 nor German 1 at entrance will take one of those courses instead of French 2 or German 2. Similarly, those in Groups II or IV who do not offer German 1 at entrance will take that course instead of German 2; and those in Groups III or V who do not offer French 1 at entrance will take that course instead of French 2.

For the requirements in Admission Group VI during the Freshman year, see p. 42.

SOPHOMORE YEAR

Courses amounting to at least 32 semester-hours must be taken before graduation from the following:

YEAR COURSES

French 1	(3)
*French 3 or 4	(3 or 4)
German 1	(3)
*German 3 or 4	(4)
Greek 2	(3 or 4)
Latin 2	(4)
Mathematics 2	(4)
(Mathematics 3 for Groups IV and V)	(3)
†Spanish	(4)

SEMESTER COURSES

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 1	(4)	Biology 1	(4)
English 2	(4)	Chemistry 2	(5)
History 1a	(4)	English 3	(4)
Physics 1	(4)	History 1b	(4)
		Physics 2	(5)

* French 3 and German 3 are given in alternate years with French 4 and German 4 respectively.

† To be given in alternate years

JUNIOR AND SENIOR YEARS

All courses in these years are elective, subject to the regulations governing the Group System as given above.

CONSPECTUS OF COURSES FOR THE COLLEGE YEAR

1905-1906

ARRANGED ACCORDING TO THE THREE GENERAL GROUPS

Courses marked with one asterisk are offered for the first semester only; those marked with two asterisks are offered for the second semester only. Three exercises a week are held in all courses except where otherwise indicated in parenthesis after the name of the course; a numeral in parenthesis indicates the number of exercises per week.

I	II	III
LANGUAGES	PHILOSOPHY	SCIENCES
English 1 (2)	*Art 1	Anatomy
*English 2 (4) * and	*Art 2	Astronomy 1
**English 3 (4)	**Economics 1	**Astronomy 2
English 4a (Themes)	*Economics 2	**Biology 1 (4)
English 4b (Themes)	**Economics 3	Biology 2
*English 5 (4)	Economics 4	Biology 3
**English 6	*Government 1	**Biology 4
**English 7 (4)	**Government 2	**Botany
English 8	Government 3	*Chemistry 1 (4)
*English 9	Government 4	**Chemistry 2 (5)
**English 10	*Government 5	*Chemistry 3a
*English 12	*Government 6	**Chemistry 3b
**English 13	**Government 7	Chemistry 4
**English 14	**Government 8	Geology 1
French 1	*History 1a (4)	*Geology 2a
French 2 (3 or 4)	**History 1b (4)	**Geology 2b
French 4 (3 or 4)	*History 2	Mathematics 1 (4)
French 6	History 3	Mathematics 2 (4)
German 1	History 4	Mathematics 3
German 2	*History 5	*Mathematics 4a
German 3 (4)	**History 6	**Mathematics 4b
German 6	**History 7	Mathematics 5
Greek 1 (4)	*Philosophy 1	*Meteorology
Greek 2 (3 or 4)	*Philosophy 2	*Physics 1 (4)
Greek 3	*Philosophy 3	**Physics 2 (5)
Italian Renaissance	**Philosophy 5	Physics 3
Latin 1	**Philosophy 6	
Latin 2 (4)	**Philosophy 7	
Latin 3	**Philosophy 8	
*Oratory 1	**Philosophy 9	
**Oratory 2	*Philosophy 10 (4	
Spanish (4)	until Christmas;	
	counting as 3)	

Also Elocution, Hygiene, and Physical Training

COURSES OF INSTRUCTION

DEPARTMENTS OF LANGUAGE AND LITERATURE

DEPARTMENT OF GREEK

Professor HEWITT, Professor HOWES, and Assistant Professor CLARK

Greek 1a *Diodorus, Herodotus, Thucydides,* and *Xenophon* Portions of these historians as found in Fernald's *Selections* will be read. Different portions are selected in consecutive years. Much time will be given to a systematic review of Greek forms and syntax, with constant reference to Goodwin's *Greek Grammar.* A course of lectures will be given and reading assigned on Greek history, economic and political.

Required course for Freshmen in Group I

Four hours a week until Christmas

Professor HOWES and Assistant Professor CLARK

Greek 1b *Homer* Books V, VI, VII, and VIII of the *Odyssey* will be read and some of the principal Homeric questions will be discussed in lectures. The instructor will give to the class several readings from portions of the poem not prescribed for the daily work.

There will also be lectures, illustrated with photographs, lantern views, and other material, upon the remains of Greek architecture and upon certain other Greek antiquities.

Freshman required course

Four hours a week from Christmas to Easter

Professor HEWITT, Professor HOWES,
and Assistant Professor CLARK

Greek 1c *Lysias* Morgan's edition is used. Special attention will be given to the political and social allusions which abound in the orations of Lysias. Different orations from those read the previous year will be selected. Greek composition

Freshman required course

Four hours a week after Easter

Professor HOWES and Assistant Professor CLARK

The course in Sophomore Greek, 2a and 2b, may be reckoned as a three-hour or a four-hour course, according as a student wishes or not to devote a fourth hour to New Testament Greek.

Greek 2a *Plato and Xenophon* Selections from the *Memorabilia* of Xenophon will be read by the class. The instructor will read to the class the *Apology* of Plato and portions of the *Crito* and *Phædo*. A course of lectures will be given on the earlier Greek philosophy and on the philosophy of Plato.

Those taking the four-hour course will devote one hour a week to the *Gospel of John*.

Sophomore elective course

Three (or four) hours a week until Christmas

Professor HEWITT

Greek 2b *Greek Drama* Until Easter the time will be devoted to Æschylus, Sophocles, and Euripides. The *Antigone* and *Iphigenia among the Taurians* will be read by the class chiefly from the literary point of view, and special attention will be given to points of similarity and dissimilarity between the ancient and modern drama. The instructor will also read to the class the whole or portions of other plays, among which will be the *Prometheus, Medea,* and *Alcestis*. A course of lectures will be given on the Greek theatre and on the origin and history of the Greek drama.

After Easter two hours a week will be devoted to Greek comedy and to the reading of the *Birds of Aristophanes*. The instructor will read to the class portions of the *Clouds* and *Frogs*. In place of the third exercise each member of the class may be required to do individual work in Greek Syntax or editorial work upon a portion of one of the Greek plays.

Those taking the four-hour course will devote one hour a week to the *Gospel of John*.

Sophomore elective course

Three (or four) hours a week after Christmas

Professor HEWITT

Greek 3a *Homer and Pausanias* Two hours a week will be given to the study of Greek epic poetry and of Greek life in Homeric times. While some of the books of the *Odyssey* will be read more rapidly with special reference to the literary qualities, critical interpretation will be given to portions of Homer and the course will be planned to be helpful to students who may expect to teach Greek. For the third exercise such selections from Pau-

sanias will be read as will serve as a basis for archæological study—particularly of Olympia.

Senior and Junior elective course

Three hours a week until Christmas

Professor HEWITT

Greek 3b *Xenophon and Thucydides* Two hours a week will be devoted to some period of Greek history, selections being read from one or both these authors. In the third hour Assistant Professor David Taggart Clark will conduct a course in Greek Political Philosophy with readings from the *Republic* and *Laws* of Plato and the *Politics* of Aristotle.

Senior and Junior elective course

Three hours a week from Christmas to Easter

Professor HEWITT and Assistant Professor CLARK

Greek 3c *Theocritus, Bion* and *Moschus* Two hours a week will be devoted to reading selections from these authors and to the study of Greek pastoral poetry. The third hour will be given to the general subject of Greek literature with lectures and the use of a text-book in English.

Senior and Junior elective course

Three hours a week after Easter

Professor HEWITT

While course 3 is designed for Juniors and Seniors who have taken Courses 1 and 2, it may, with the consent of the instructor, be open to those who have obtained the grade of A or B in Course 1. While this course is largely a study in literature, history and archæology and so designed to impart a general culture, the course is also intended to be helpful to those intending to teach, or to pursue graduate courses in the Ancient Languages.

For a part of the year in place of the third exercise the class will do seminar work under the direction of the instructor.

DEPARTMENT OF LATIN

Professor WILD, Professor HOWES, Assistant Professor CLARK, and Assistant Professor WETMORE

Latin 1a *Livy, Cicero, Latin Literature* The greater part of Book XXI of Livy will be read with selections at sight from Book XXII, followed by the *De Senectute* of Cicero. The principles of Latin syntax will be studied with the aim of connecting the first weeks of college instruction as closely as possible with that received

in the preparatory schools. Constant reference will be made to Lane's *Latin Grammar* in connection with the daily work. The history of Rome during the Punic Wars, including assignments for collateral reading, will be an important part of this course. Mackail's *Latin Literature* will also be used.

Freshman required course
Three hours a week during the first semester
Professor HOWES, Assistant Professor CLARK, and
Assistant Professor WETMORE

Latin 1b *Terence, Tacitus* The work will include the *Phormio* of Terence, with reading at sight from other plays, and, after Easter, the *Agricola* of Tacitus with selected portions of the *Germania*. Passages from the *Annals* will be read at sight and there will be also collateral reading in the history of the Empire.

Freshman required course
Three hours a week during the second semester
Professor WILD, Professor HOWES,
Assistant Professor CLARK and Assistant Professor WETMORE

Latin 2a *Plautus, Roman Customs* The *Captivi* and the *Menæchmi* of Plautus will be read carefully, and there will be as much rapid and sight reading as possible in other plays. A portion of the time will be devoted to a study of Roman customs through lectures illustrated by lantern views.

Sophomore elective course
Four hours a week during the first semester
Professor WILD

Latin 2b *Cicero, Horace* The reading work for the second semester will be divided between the *Letters* of Cicero and the *Odes* of Horace. In connection with the *Odes* of Horace some attention will be paid to the English lyric involving the preparation of carefully made translations from the Latin and a comparison of the better known English versions. The course in Cicero's *Letters* will be a reading course mainly, with constant work at sight and reading of the Latin without translation. It will be the aim to give the student a clear idea of Cicero as a man and of his relation to his times.

Sophomore elective course
Four hours a week during the second semester
Assistant Professor CLARK and Assistant Professor WETMORE

Latin 3a *Vergil, Teachers' Course* During the first semester the *Aeneid* of Vergil will be read. Attention will be given to

its interpretation, its art, and its influence, to related parts of Vergil's earlier writings and to his predecessors, and to the style which should be aimed at in attempting to translate him. Specially detailed study will be made of a single book, the sixth; a number of necessary and appropriate topics will be considered; and there will be sight reading, particularly in Ovid.

In connection with this course weekly exercises for conference and more specialized study will be offered to prospective teachers.

Senior and Junior elective course

Three hours a week during the first semester

Assistant Professor CLARK

Latin 3b *Roman Satire* The subject of this course will be Roman Satire, with lectures on its origin and development. The reading base will be Juvenal, with rapid and sight reading from Horace and from Ennius, Lucilius, Varro, Petronius and Apuleius, in Merrill's *Fragments of Roman Satire.* Certain portions of Juvenal will be assigned for individual comment and interpretation based on the leading editions and translations. The student will present his commentary to the class for general discussion under the direction of the instructor.

Senior and Junior elective course

Three hours a week during the second semester

Professor WILD

DEPARTMENT OF ENGLISH

Professor SPRING, Professor MAXCY, Assistant Professor PERRY, and Mr. REES

English 1 *Rhetoric and Composition* The work of Freshmen is devoted to *correctness* of expression, and consists of constant drill in paragraph-themes, sentence construction, and the criticism of common errors. That the course may be practical in application, the class is required to present written work at each recitation; this receives individual attention and is made the basis of class study illustrative of the principles discussed in the text-book. Every opportunity is offered for individual conference with the instructors regarding the written work.

Freshman required course

Two hours a week through the year

Professor MAXCY, Assistant Professor PERRY, and Mr. REES

English 2 *Advanced Composition* This is a continuation of English 1, and takes up in detail exposition, narration, and descrip-

tion. These phases of composition are applied in the study of representative writers and in the constant writing of essays, sketches, short stories, etc.

The text-book is Baldwin's *College Manual of Rhetoric* and Gardiner's *Forms of Prose Literature.*

Sophomore elective course

Four hours a week during the first half-year

Professor MAXCY, Assistant Professor PERRY, and Mr. REES

English 3 *General English Literature* This course is two-fold, embracing not only an historical survey of English literature from the earliest times to the present day but also a wide course of outside readings so arranged as to accompany the text-book and lectures. Examinations are held on each assignment. In addition to the assigned readings, the course embraces the presentation to the class of a wide selection of classic prose and poetic masterpieces. The work is arranged with the view of laying a broad foundation for the English electives taken up later in the course.

The text-book work conforms in general to the matter contained in Simonds's *History of English Literature.*

Sophomore elective course

Four hours a week during the second semester

Professor MAXCY and Mr. REES

English 4a *Junior Essays* Essays on assigned topics are required from all members of the Junior class. Work is corrected and returned for revision and conferences are held with each student.

Mr. REES

English 4b *Senior Essays* As in English 4a, but required of the Senior class

Assistant Professor PERRY

English 5 *Argumentation* This course deals with brief-drawing, the handling of evidence, construction of the forensic, principles of debate, extempore rebuttal, and speaking from brief notes.

The course in general conforms to the matter contained in Baker's *Principles of Argumentation.*

English 5 is open to those who have completed English 2.

Four hours a week during the first semester

Professor MAXCY

English 6 *Study of Anglo-Saxon and Chaucer* The first part of the course will consist of work in Anglo-Saxon grammar, after which selections will be read from Bright's *Anglo-Saxon Reader.*

The remainder of the course will be devoted to the reading of Chaucer's *Canterbury Tales* and *Troilus,* with the special aim of gaining an insight into the political, moral, and social conditions in England during the fourteenth century.

Senior and Junior elective course

Three hours a week during the second semester

Assistant Professor PERRY

English 7 English Prose Fiction This course covers the history of English fiction from the beginning, and in particular the novel from the time of the great eighteenth century writers to the present day. The study of the history of the novel is supplemented with work on the art of fiction and with extensive readings and analyses of selected specimens. In connection with the course the class uses Perry's *Study of Prose Fiction* and Cross's *Development of the English Novel.*

English 7 is open to students who have completed English 3.

Four hours a week during the second semester

Professor MAXCY

English 8 *The Elizabethan Drama* This course is devoted to the rise of the English drama and the critical reading and discussion of plays of Marlowe, Ben Jonson, Beaumont and Fletcher, Webster and of a large group of Shakespere's most important works. Boas' *Shakspeare and his Predecessors* will be used as a general text-book.

Senior elective course

Three hours a week through the year

Professor SPRING

English 9 *English Literature from the Restoration to the Close of the Eighteenth Century* Lectures on the progress and interpretation of English literature during the period Readings and critical essays required

Senior elective course

Three hours a week during the first semester

Professor SPRING

English 10 *English Poets of the Nineteenth Century* Lectures, biographical and critical, together with assigned readings This course will include Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson and other poets of the period.

Senior elective course

Three hours a week during the second semester

Professor SPRING

English 11 *English Prose Writers of the Nineteenth Century* A course in which the principal prose writers of this period will be studied A considerable amount of reading will be assigned.

Senior elective course

Three hours a week during the second semester

Professor SPRING

English 12 *American Literature* A study of American literature, both prose and poetry The first part of the course will consist of lectures on the early colonial writers. Wendell and Greenough's *American Literature* will be used as a text-book and a considerable amount of outside reading will be required.

Senior elective course

Three hours a week during the first semester

Assistant Professor PERRY

English 13 *The English Drama from 1642 to 1902* Preliminary lectures will be given upon the structure of the drama. The course will include the reading of representative plays from Wycherly and Congreve to Jones and Pinero.

Senior and Junior elective course Open to those who have completed English 3

Three hours a week during the second semester

Assistant Professor PERRY

[*English* 14 *The English Bible* In this course the growth, the literary characteristics and influence of the English *Bible* will be considered.

Senior elective course

Three hours a week during the second semester

Omitted 1905-1906

Professor SPRING]

DEPARTMENT OF PUBLIC SPEAKING AND ORATORY

Mr. LEWIS

Public Speaking This course will aim (1) to emphasize some of the fundamental principles of oral expression, and (2) to apply them to the delivery of the individual. The class will be divided into small sections, each of which will meet once a week for ten weeks. Clark and Blanchard's *Practical Public Speaking* will be used. The choice of speakers for the prize contest in declamation is based on this work.

Freshman required course

Oratory 1 A course intended to develop the delivery of the students It will include (1) the practice of exercises for the development of the voice and body as expressive agents, and (2) practice in different forms of public speaking. The latter will include the rendering of original selections from memory, speaking from notes, and extemporaneous speaking. A text-book will be used.

Senior and Junior elective course

Three hours a week during the first semester

Oratory 2 This is a continuation of Oratory 1. It will offer advanced work in both technique and delivery. The structure and style of the oration will be considered—also its different forms. Each student will write at least three manuscripts of not less than eight hundred words each. Ringwalt's *Modern American Oratory* will be used as a guide.

Oratory 2 is open only to those who have completed Oratory 1.

Three hours a week during the second semester

The Department will offer during the Winter, at hours to be announced, a course of training in voice and action, which will be open to members of all classes. It will also offer hours to those who have defects in speech. Extended drill will be given in all cases to speakers who compete in prize contests, and to those who are to appear on the Commencement platform.

DEPARTMENT OF ROMANCE LANGUAGES

Professor MORTON, Assistant Professor WESTON, Mr. BILLETDOUX, Mr. DE BEAUMONT, Dr. GERIG, and Mr. RAY

FRENCH

French 1 *Elementary French* This course includes the study of grammar and composition and the reading of modern French. The class will be arranged in small divisions so that each student may receive individual attention and adequate training in pronunciation and the use of conversational French. In this and in the more advanced courses the French language will be used in the class-room as much as possible, though the character of the work will be essentially literary. Special attention will be given to dictation in each course.

Three hours a week through the year

Mr. DE BEAUMONT, Dr. GERIG, and Mr. RAY

French 2 Intermediate French This continues all the work of course 1. Standard authors will be read and the history of French literature given in outline from its origins to the eighteenth century. The use of the spoken language will be increased.

Three hours a week through the year for those in Group I and four hours a week for those in Groups III-V

Mr. DE BEAUMONT, Dr. GERIG, and Mr. RAY

[*French 3 Advanced French* This course is devoted to the poetry and the drama of the nineteenth century, and includes reading, composition, and oral practice. The spoken language will take the place of English except in translation and occasional lectures. The history of French literature during the nineteenth century, with its origins in the eighteenth, will be studied, especially the history of poetry and the drama.

This course alternates with French 4 and is open to those who have taken French 2 or French 4. Required of Freshmen entering in Group II, elective for Seniors, Juniors, and Sophomores

Three hours a week through the year Four hours a week for Freshmen in Group II

Omitted 1905-1906 Professor MORTON and Mr. BILLETDOUX]

French 4 Advanced French This course is devoted to the French novel of the nineteenth century and includes reading, composition, and oral practice. The history of French literature during the nineteenth century, with its origins in the eighteenth, will be studied, especially the history of the novel.

This course alternates with French 3 and is open to those who have taken French 2 or French 3. Required of Freshmen entering in Group II, elective for Seniors, Juniors, and Sophomores

Three hours a week through the year Four hours a week for Freshmen in Group II

Professor MORTON and Mr. BILLETDOUX

[*French 5 Old French Literature* from its origins to the Renaissance Translation of texts into modern French Lectures in French upon the age The course will be essentially literary and illustrative of the social conditions of the time and will be conducted entirely in French. Outside reading will be assigned.

Senior and Junior elective course, alternating with French 6 Open only to those who have taken French 3 or 4 and who are able to follow a course carried on in French

Three hours a week through the year

It is intended that this course shall be given in 1906-1907.

Assistant Professor WESTON]

French 6 *Classic French Literature* of the age of Louis XIV The course will begin with the Renaissance and show the development of classicism. Lectures in French upon the period The course will be a study of the culture of the age of Louis XIV and the social conditions as expressed in its literature, and will be conducted entirely in French. Outside reading will be assigned.

Senior and Junior elective course, alternating with French 5 Open only to those who have taken French 3 or 4 and who are able to follow a course carried on in French

Three exercises (six hours) a week through the year

Professor MORTON

DANTE

[*Dante* Reading of the *Divina Commedia* with the aid of a translation Enough grammar will be studied to enable the student to follow the Italian text and understand the construction. The course will, however, be devoted to the poem itself, both as a masterpiece of literature and as an exponent of the social, philosophical, and religious ideas of the middle ages.

Senior and Junior elective course alternating with Spanish

Four hours a week through the year

Omitted 1905-1906

Professor MORTON]

SPANISH

Spanish Elementary grammar and reading of classical and modern Spanish Reading of *Don Quixote* with Ormsby's translation The object of this course is to give a practical elementary training in Spanish and also to read as much as possible for the sake of a vocabulary. The reading will be in standard works of literature.

The history of Spanish literature will be given in outline.

Elective course for Seniors, Juniors, and Sophomores, alternating with the course in Dante

Four hours a week through the year

Mr. BILLETDOUX

THE ITALIAN RENAISSANCE

Italian Renaissance The course is devoted to the study of the culture of the Renaissance in Italy and its influence upon France and Spain. Manners and ideas of the period Transformation of mediaeval ideals A short time will be given to such study of the art of the period as is needed for comparison and to illustrate the general character of the Renaissance.

Text-book and lectures
Senior and Junior elective
Three hours a week through the year

Professor MORTON

DEPARTMENT OF GERMAN

Professor WAHL, Assistant Professor KING, Dr. FOWLER, and Mr. BRUNS

German 1 *Elementary German* This is a course in grammar, composition, and reading of narrative prose. Oral use of the language is introduced gradually, and the small divisions make it possible to render the students attention individually.

Optional with French 1 for Freshmen in Group I who entered without a modern language Required of students in Groups II and IV who do not offer German 1 at entrance Elective for all others

Three hours a week through the year

Assistant Professor KING and Mr. BRUNS

German 2 *Intermediate German* In this course are read a modern novel, Schiller's *Wilhelm Tell,* Goethe's *Hermann und Dorothea,* and Lessing's *Minna von Barnhelm.* This course includes also grammar and composition. The oral use of the language in the class-room is increased in connection with the texts read, dictations, and lectures.

Required of Freshmen in Group I who passed German 1 and of those students in Group I who took German 1 in college; also of those in Groups II, IV and V Elective for all others who have taken German 1

Three hours a week through the year

Professor WAHL, Dr. FOWLER, and Mr. BRUNS

German 3 *Advanced German* This course is devoted to the reading of modern German literature: prose, fiction, poetry, essays, lectures, and letters. It is conducted, as far as practicable, in German, and lectures on the literary, historic, and political movements, as reflected in the texts read, are given in German. It includes also practice in writing German.

The course is open to all who have had either German 2 or any subsequent course or courses. It alternates with German 4.

Three hours a week for Seniors, Juniors, and Sophomores, four hours for Freshmen through the year

Professor WAHL and Dr. FOWLER

[*German* 4 *Advanced German* This will be a course in reading most recent German literature, especially the most modern drama. It will be conducted in German, and lectures on the history of German literature of the nineteenth century will be given in German. There will also be practice in writing German.

The course will be open to all who have had either German 2 or any subsequent courses. It alternates with German 3.

Omitted 1905-1906.]

[*German* 5 *Elective Advanced German* This will be a course on Goethe and the classic period of German literature. *Faust* (Parts I and II) and other works of Goethe as well as of other poets of the classic period, especially Schiller, will be read and interpreted with reference to the literary and philosophic movements to which they are related. Lectures will be given in German, and the whole course will be conducted, as far as practicable, in German.

The course will be open to Seniors and Juniors who have had German 2, 3, 4, or 6. It will alternate with German 6.

Three hours a week through the year

Omitted 1905-1906

Professor WAHL]

German 6 *Elective Advanced German* In this course the history of the German language is given in outline so that the students are to obtain some idea of the growth of language and of the historical method. The course is, however, more of a literary than philological nature, and the history of the German literature is taken up from the earliest times to the classic period. Characteristic writings from the various periods are read. There is also outside reading, especially in romances portraying the culture of the times, reports are written, and lectures given frequently. The course is conducted entirely in German.

Open to Seniors and Juniors who have had German 3, 4, or 5, and alternating with German 5.

Three hours a week through the year

Assistant Professor KING

DEPARTMENT OF PHILOSOPHY

Professor RUSSELL, Dr. CARTER and Dr. PRATT

All the courses in this department are elective and are semester courses They are as follows:—

Philosophy 1 *A course in general Psychology* The aim of this course is to enable the student to gain a comprehensive view of

mental life, both in its distinctive features and in its development. A text-book, James' *Briefer Course Psychology,* is the basis of the study; but the use of this book will be supplemented by lectures upon topics which are of special importance to the psychologist and upon topics which have an important bearing upon other courses in philosophy

Three hours a week during the first semester

Professor RUSSELL and Dr. PRATT

Philosophy 2 Advanced Psychology In this course the more important problems in contemporary psychology will be taken up, with the aim of making the student acquainted with the various points of view of the leading authorities.

Lectures and required reading

Open to all students who have taken a course in elementary Psychology

Three hours a week the first semester

Dr. PRATT

Philosophy 3 Introduction to Philosophy The aim of this course is to acquaint the student with the more important problems of human thought.

Paulsen's *Introduction to Philosophy* will be read and discussed and lectures will be given upon topics of special interest and importance

Open to students who have taken Philosophy 1

Three hours a week during the first semester

Professor RUSSELL

Philosophy 4 History of Philosophy The course aims to give an outline sketch of the development of thought. Weber's *History of Philosophy* is used as a text and is supplemented by lectures.

Open to students who have taken Philosophy 1

Three hours a week during the second semester

Dr. PRATT

Philosophy 5 Theory of Thought and Knowledge This course will consist of a short study in Logic, followed by a critical examination of modern theories of knowledge and modern Agnosticism.

Open to students who have taken Philosophy 1

Three hours a week during the second semester

Professor RUSSELL

Philosophy 6 *History of Religion* The course will consist of a comparative and genetic study of primitive religious beliefs and customs, and of the religions of India, Egypt, Persia, Israel, Greece, and Rome.

Lectures Required reading and a thesis
Three hours a week during the second semester

Dr. PRATT

Philosophy 7 *Ethics* Paulsen's *System of Ethics* will be used as a text-book and this instruction will be supplemented by the study of special topics and discussions.

Open to students who have taken Philosophy 1
Three hours a week during the second semester

Professor RUSSELL

[*Philosophy* 8 *Modern Thinkers and their Problems* Selections from the works of the leading English Philosophers will be read and discussed.

Open to all students who have taken Philosophy 1
Three hours a week during the second semester
Omitted for 1905-1906

Dr. PRATT]

Philosophy 10 *Theism* The aim of this course is in part to make the student familiar with such considerations as tend to establish the belief in a supreme personal God. The steps of the argument in Dr. Robert Flint's *Theism* are followed and the same author's treatise on *Agnosticism* is made part of the daily work.

Religion as a factor in the history of the race as represented in various faiths is considered and the objections to Theism examined. The course is not specially intended for theological students, but rather to awaken interest, quicken thought, and secure intelligence on the most important question of human life.

Open to Seniors
Four hours a week until Christmas

DR. CARTER

DEPARTMENT OF HISTORY

Professor GOODRICH, Professor SMITH, and Mr. COLLIER

History 1 *General European and American History* (375-1715) This course covers the field of general history from the Barbarian Invasions to the end of the Religious wars. It is the fundamental course in the department and is a necessary prerequisite for all other

courses in history. The methods comprise a text-book, lectures, collateral reading, and frequent written tests. Each semester may be taken separately but no student is eligible for the second part who has not taken the first semester. The separate semesters are designated

History 1a *Mediaeval History* (375-1483)
Sophomore elective course
Four hours during the first semester
Professor GOODRICH and Mr. COLLIER

History 1b *Modern History* (1453-1715)
Sophomore elective course
Four hours a week during the second semester
Professor SMITH and Mr. COLLIER

History 2 *English History* (1714-1895) The political history of England in the eighteenth and nineteenth centuries, including the rise of the British Colonial Empire
Open only to those who have completed course 1
Three hours a week during the first semester
Professor SMITH

History 3 *United States History* (1713-1865) A course covering the history of the United States from the beginnings of the American Revolution to the Civil War
Open only to those who have completed course 1
Three hours a week throughout the year
Professor SMITH

History 4 *European History* (1715-1850) The Era of Political Revolution This course treats of the political development of the principal states of Europe from the beginning of the eighteenth century to the close of the Revolution of 1848. Special attention will be given to the period of the French Revolution and the Napoleonic Empire. The course of the movement, its causes and results will be studied in relation to all the principal states of Europe. Text-books, lectures, and collateral reading
Open only to those who have completed course 1
Three hours a week through the year
Professor GOODRICH

History 5 *American History, Literature, and Eloquence* (1865-1877) An advanced course in United States history, in which the political, institutional, and social history of a limited field is studied from contemporary material, offering practice in historical criticism

and independent investigation. For the year 1905-1906 the period chosen is that of the reconstruction struggle following the Civil War.

Open to those who have passed with credit in History 3

Three hours a week during the first semester

Professor SMITH

History 6 *Recent European History* (1850-1890) This is a continuation of course 4. The main features of the political development of Europe from 1850 to 1890 will be studied, special attention being given to the unification of Italy and Germany, the policy of Bismarck in the new Empire, the history of the Second Empire and the Third Republic in France, the expansion of Russia, and the Eastern Question in its effects upon European states.

Open only to those who have completed History 4

Three hours a week during the second semester

Professor GOODRICH

History 7 *European History, the Era of the Reformation* (1500-1600) This is an advanced course involving some study of the original sources in German and French. Special attention will be given to the influence of the Reformation on the political development of the principal European states.

Open only to those who have completed History 1

Three hours a week during the second semester

Professor GOODRICH

DEPARTMENT OF THE HISTORY OF ART AND CIVILIZATION

Professor RICE

Art 1 *History of Art and Civilization* In this course as well as in course 2 important periods in the history of art and civilization are studied; beginning is made with the art of antiquity as furnishing the basis of all later varieties of form, while the main purpose is to show how national styles of architecture and sculpture become expressive of national civilizations at their highest mark; the brief survey of the art of antiquity is followed by a study of the national styles of western Europe during the Romanesque and Gothic periods. Social institutions are considered in relation to the history of art and civilization. The records furnished by various forms of art are made use of in lantern-views and photographs to illustrate the subject. A knowledge of the main facts of ancient and modern

geography is presupposed. The method of instruction in both courses is by lectures, text-books, assigned reading and practice.

Junior elective course open to those who have completed or are taking History 1a and introductory to course 2

Three exercises (six hours) a week through the year

Art 2 History of Art and Civilization Course 2 continues the study of the art and civilization of western Europe from the period of the early Renascence in Italy to the present time: in connection with this general subject and as a main purpose the principles of design in the arts are studied with a view to an appreciation of what is expressive and significant in ancient and modern sculpture, painting, architecture, and ornament. Additions are made each year to the working collections of the department so that both courses are illustrated as fully as possible.

Senior and Junior elective course open to those who have completed or are taking course 1

Three exercises (six hours) a week through the year

(The numbers in these courses may not exceed the seating capacity of No. 12 H. H.)

DEPARTMENT OF POLITICAL SCIENCE

Professor NELSON, Assistant Professor WEBSTER, and Mr. SMITH

(A) GOVERNMENT

Government 1 Government in the United States This is a study of general and local government in the United States. The governments of town, of county, of state and of the United States, the relative efficiency of different local systems, and the nature and tendency of democratic and representative institutions are also the subjects of study. A text-book will be used; reports will be required; lectures will be given, and there will be oral and written tests.

Junior elective course

Three hours a week during the first semester

Professor NELSON and Mr. SMITH

Government 2 The Constitution of the United States From mid-year to the Easter recess the class will study the Constitution of the United States as a Document, with the Federalist and other collateral reading.

Three hours a week Mr. SMITH

After the Easter recess and until the end of the year, the class will study the decisions of the United States Supreme Court on constitutional questions.

Junior elective course

Three hours a week during the second semester

Professor NELSON

Government 3 *The Evolution of the Principles of Civil Liberty* In this course are studied the gradual development and the formulation of the principles of civil liberty from the Norman conquest to the adoption of the constitution of the United States. There will be lectures and discussions on the Documents of Liberty,—*Magna Charta,* the Petition of Right, the *Habeas Corpus* Act, the Bill of Rights, the Act of Settlement, the Declaration of Independence, and the civil liberty articles to be found in the written constitution of the United States. This is a study of the philosophy of democracy as it has directed the history of the English people and that of the people of the colonies, and the beginnings of our national government.

Instruction will be given by lectures.

Senior elective course

Three hours a week during the year

Professor NELSON

Government 4 *Theory of the State* This course is a study of the State as it began and has developed; of the origin of government and of general powers common to all government; of the various kinds of government, of their methods of ruling and administering, and of their methods of legislation. It is a study of organized society, and is closely related to Government 5 on Jurisprudence. Text-books, lectures, and tests

Junior elective course

Three hours a week during the year

Mr. SMITH

Government 5 *Jurisprudence* This course presents an historical study of the leading legal systems, tracing in outline the growth of Roman Law, Canon Law, and the Common Law of England with an analytical study of various important legal institutions. A considerable portion of Blackstone's *Commentaries* (Kerr's Edition) will be read and analyzed.

Senior elective course

Three hours a week during the first semester

Professor NELSON

Government 6 *Political Parties in the United States* This is a course on the formation and growth of political parties in this country from 1763 to 1900. Lectures, reading, and tests

Senior and Junior elective course

Three hours a week through the first semester

Mr. SMITH

Government 7 *Modern European Governments* This course is intended to trace the constitutional evolution of the leading states of Europe since 1848 and to present an analytical study of their present politial organization.

Lowell's *Government and Parties in Continental Europe* will be used as the basis of study, supplemented by lectures on the political institutions of the various states under consideration.

Junior elective course

Three hours a week during the second semester

Mr. SMITH

Government 8 *Municipal Government* This is a study of municipal government, especially in this country, although our own system, our practice, and the results will be compared with the system, practice, and experience of municipal governments in Great Britain and on the continent of Europe.

Junior elective course

Three hours a week during the second semester

Mr. SMITH

(B) ECONOMICS

Economics 1 *Elementary Economics* This is an introductory course designed to give the student a general view of the field of economic science. Bullock's *Introduction to the Study of Economics* and Macvane's *Working Principles of Political Economy* are used as text-books. The course is conducted by means of lectures and discussions. It is given in each semester and students may take it in either.

Senior and Junior elective course

Three hours a week during either semester

Assistant Professor WEBSTER

Economics 2 *Economic History* A study of the chief topics in the history of agriculture, industry, and commerce, with special attention to English economic development. Gibbins's *History of*

Commerce in Europe and Cheyney's *Introduction to the Industrial and Social History of England* are used as texts.

Senior and Junior elective course

Three hours a week during the first semester

Assistant Professor WEBSTER

Economics 3 *Corporation Economics* This course is intended to outline the development of the corporate form of organization and to make clear its place as a factor in modern production and exchange. Corporation finance receives extended treatment. Ripley's *Trusts, Pools, and Corporations* is discussed in class. Much outside reading, chiefly in the appropriate government documents, is required as a supplement to the lectures.

Senior and Junior elective course open only to students who have completed either Economics 1 or Economics 2

Three hours a week during the second semester

Assistant Professor WEBSTER

Economics 4 *Money, Banking, and Finance* This course covers, in a general way, the field of monetary and financial science. Special attention is given to the financial history of the United States. Kinley's *Money,* Dunbar's *Chapters on Banking,* Plehn's *Introduction to Public Finance* and Dewey's *Financial History of the United States* are made the basis of daily class-room discussion. The text-books are supplemented by occasional lectures and assigned readings.

Senior elective course open only to students who have completed Economics 1

Three hours a week throughout the year

Assistant Professor WEBSTER

DEPARTMENTS OF THE MATHEMATICAL AND NATURAL SCIENCES

DEPARTMENT OF MATHEMATICS

Professor FERRY, Professor MILHAM, Assistant Professor HARDY, Mr. SHEPARD, and Mr. CAPRON

Mathematics 1 *Solid Geometry, Algebra, Plane Trigonometry, and Surveying*

Solid Geometry Books VI, VII, and VIII of Wentworth's *New Plane and Solid Geometry,* together with original propositions and numerical problems

Advanced Algebra Progressions, binomial theorem, logarithms, permutations, combinations, method of undetermined coefficients, determinants, theory of equations, etc. Fisher and Schwatt's *Higher Algebra*

Plane Trigonometry The trigonometric functions, trigonometric analysis, solutions of right and oblique triangles, etc. Phillips and Strong's *Elements of Trigonometry*

Field Work in Surveying The practical use of instruments, including determination of heights, simple triangulation, measurement of areas, and leveling This portion of the course is optional.

Freshman required course

Four hours a week through the year

Professor FERRY, Professor MILHAM,
Assistant Professor HARDY, Mr. SHEPARD, and Mr. CAPRON

Mathematics 2 Analytic Geometry and Differential Calculus

Analytic Geometry Plane analytic geometry; the straight line, circle, parabola, ellipse, and hyperbola; with an introduction to analytic geometry of three dimensions Wentworth's *Analytic Geometry*

The first semester

Professor FERRY and Mr. SHEPARD

Differential Calculus Introduction to Mathematics 3 Methods of differentiation, expansion of functions into series, indeterminate forms, the simpler applications to mechanics and to the theory of plane curves, etc. Granville's *Calculus*

Assistant Professor HARDY and Mr. SHEPARD

Sophomore elective course, required of Freshmen in admission groups IV and V

Four hours a week through the year

Mathematics 3 Differential and Integral Calculus

Differential Calculus Continuation of the work of Mathematics 2 Applications of differential calculus to plane curves, maxima and minima, etc., based on Granville's *Calculus*

The first semester

Mr. SHEPARD

Integral Calculus Derivation and application of the fundamental formulas of integration; applications of the integral calculus to the calculation of lengths of curves, areas and volumes, mean values, moments of inertia, etc., based on Granville's *Calculus* and Murray's *Integral Calculus*

The second semester

Assistant Professor HARDY

Junior elective course, open to all who have taken Mathematics 2
Three hours a week through the year

Mathematics 4a *Differential Equations*
Methods of solution of the simpler forms of differential equations, applications to many problems of mathematical physics, etc., based on Murray's *Differential Equations*
Senior elective course open to all who have taken Mathematics 3
Three hours a week during the first semester
Assistant Professor HARDY

Mathematics 4b *Modern Methods in Analytic Geometry*
Abridged notation, line co-ordinates, harmonic division, projection, etc., with many applications Lectures, with references to Salmon's *Conic Sections* and other works
Senior elective course open to all who have taken Mathematics 3
Three hours a week during the second semester
Professor FERRY

Mathematics 5 *Projective Geometry and Descriptive Geometry*
Projective Geometry An introduction to projective geometry and its applications Lectures and problems following Emch's *Projective Geometry*
The first semester
Professor FERRY

Descriptive Geometry An introduction to Descriptive Geometry and its applications Hall's *Descriptive Geometry*
The second semester
Assistant Professor HARDY

Senior elective course open to all who have taken or are this year taking Mathematics 4a and 4b
Three hours a week through the year

DEPARTMENT OF ASTRONOMY AND METEOROLOGY

Professor MILHAM

Astronomy 1 This course is divided into two parts, Descriptive Astronomy and an introduction to Spherical and Practical Astronomy. In the Descriptive Astronomy a text-book, Young's *Manual of Astronomy,* is used as the basis of instruction. Numerous supplementary lectures are given and the course is illustrated by charts and photographs. Such topics as the time service of the country,

the origin of our calendar, the presence of an atmosphere in the case of the moon and the planets, and the nebular hypothesis are treated at length. During the second part of the course lectures on modern observatories, their location, equipment, and work, will be given. Experimental demonstration and practical exercises in the observatory will constitute a large part of the instruction during the last part of the second semester. A knowledge of Mathematics 1 is required for this course.

Senior and Junior elective course

Three hours a week through the year

Astronomy 2 One of the following semester courses will be given. The course in Surveying is the one ordinarily given, but one of the other courses would be substituted should a sufficient number of students desire it.

(a) *Surveying* Such topics as the theory and use of surveying instruments, land surveying, and determination of heights by triangulation and by means of the barometer will be treated. Mathematics 1 is required.

(b) *Practical Astronomy* This will consist of spherical Trigonometry, practical exercises in the observatory, and the reduction of the observations. Mathematics 1 and Astronomy 1 are required.

(c) *Theoretical Astronomy* This is an introduction to Celestial Mechanics and is open only to those who have had Mathematics 3.

Senior and Junior elective course

Three hours a week during the second semester

Meteorology The equipment of the stations of the United States Weather Bureau and scientific weather prediction are very fully treated. The text-book, Davis's *Elementary Meteorology,* is supplemented by numerous lectures and practical work on meteorological statistics and in making weather forecasts.

Senior and Junior elective course

Three hours a week during the first semester

DEPARTMENT OF CHEMISTRY

Professor MEARS and MR. MEARS

Chemistry 1 General Chemistry The principles of chemistry are studied in connection with the non-metals and their compounds. This course is given by experimental lectures, supplemented by recitations and practical work in the laboratory.

Sophomore elective course

Four hours a week during the first semester

Chemistry 2 Metallic Chemistry and Qualitative Analysis A course of lectures is given on the occurrence, properties and uses of the metals and their compounds.

Most of the time is devoted to qualitative analysis in the laboratory. This work includes the reactions of the principal bases and acids, their detection and separation. Substances are examined in both wet and dry way. About 100 solutions and 100 solid substances are analyzed during the course, including about 50 minerals.

Five periods a week of two hours each, or their equivalent, during the second semester This course is a continuation of Chemistry 1 and is open to those who have completed that course.

Chemistry 3 *Quantitative Analysis* This course embraces the quantitative determination and separation of the principal bases and acids. Both gravimetric and volumetric methods are employed.

Three periods a week during the first semester

Chemistry 4 *Organic Chemistry* Lectures on the compounds of carbon, including the history of chemistry and its development to the present time

Open to those who have completed Chemistry 2

Three periods a week during the second semester

Chemistry 5 This course includes the preparation of both inorganic and organic compounds, the study of chemical theories, and work in physical chemistry in the laboratory.

Open to those who have completed Chemistry 3 and 4

Three periods a week through the year

DEPARTMENT OF PHYSICS

Professor McELFRESH and DR. PORTER

Physics 1 *General Physics* This course deals with the elementary facts and principles of physics and with the application of physical laws to the experiences and phenomena of daily life. The instruction includes lectures with experimental demonstrations, written recitations, and work in the laboratory.

Sophomore elective course

Four hours a week during the first semester

Physics 2 Experimental Physics Mechanics, Sound, Heat, Light, Magnetism, and Electricity This course consists of a series of physical measurements in the laboratory, accompanied by lectures. The lectures deal with the methods and principles involved in the

laboratory work and also discuss certain physical problems which do not readily lend themselves to laboratory experimentation. In the laboratory work high-grade instruments of precision are employed and the course is expected not only to develop familiarity with physical phenomena but, at the same time, to give skill in accurate measurement.

Open to those who have taken Physics 1

Five exercises a week during the second semester These will generally be two lectures of one hour each and three laboratory periods of two hours each.

Physics 3 (1) *Electrical Measurements and Practical Applications of Electricity* This course consists of lectures and laboratory work and includes a study of the magnetic properties of iron and steel, of direct and alternating current phenomena, and of their practical illustration in the dynamo and motor.

(2) *Heat and Light* A study of the elements of Thermodynamics and Physical Optics Lectures and reading with occasional laboratory experimentation.

Only one of these sub-courses will be given each year.

Open to those who have taken Physics 2

Three exercises a week through the year

DEPARTMENT OF BIOLOGY

Professor CLARKE, Professor KELLOGG, and Dr. WOODRUFF

Biology 1 The fundamental facts and principles of the science of life are presented in this course. It treats of the order of nature and of the laws of nature. It gives the student a knowledge of the properties and powers, and what contributes to the successful action of, and what are the chief sources of danger to, the living material of which he is composed, and through which he does his life work. It deals with the structure of living matter, its possible origin, and its relation to non-living matter.

A typical plant and an animal are studied to illustrate the way in which the two great groups solve the problem of maintaining life, their relations to each other and to their surroundings. As the highest form of living matter, man is studied in his relations to, and his dependence on, other forms of life, and with regard to the meaning and origin of his structure. An outline is given of the evidences of the evolution of life, of mutual aid and associated life among animals, and their possible significance. The object of the course is to make a man intelligent regarding himself, and his

fundamental relations to his environment; to set before him the relations of this knowledge to other knowledge, and by this broad view gain a larger appreciation of, and a more generous sympathy with, many of the great interests and resources of human life.

While this course is complete in itself it furnishes a broad foundation of value to one who takes further work in biology.

Lectures, with the examination of notebooks, and occasional laboratory work

Sophomore elective course

Four hours a week during the second semester

Professor CLARKE

Biology 2 No previous work in biology is required of those entering this course.

The year's work includes three subjects.

(a) *Zoölogy of the Invertebrata.* This part of the course extends from September to about the last of February. Instruction is by means of lectures, recitations, and laboratory work. The great groups of animal forms below the vertebrates are examined in order from the simpler to the more complex, the general characters of each being studied in detail. From each group several species are selected for minute study in the laboratory.

(b) *Histology* After completing (a), about five weeks are given to the study of the microscopical structure of animal tissues. The work includes a description of methods of killing, staining, sectioning, and mounting of tissues, and is conducted by means of lectures, recitations, and laboratory work.

(c) *Theories of Biology.* The remainder of the year is given to a series of lectures, with recitations, on the general problems of biology. Laboratory work in (b) will be continued during this period.

The course considers the views of the early Transmutationists, of Lamarck and the Neo-Lamarckians and enters fully into a discussion of the theory of natural selection of Darwin and Wallace, on which the science of biology is founded. Attention is given to the earlier criticisms of the theory, and more particularly to recent observations which tend to limit it as a universal explanation of the structural and functional peculiarities of organisms.

Among the subjects discussed are the meaning of the term species, the multiplication of organisms and the struggle for existence, variation among individuals, the meaning of color and peculiar structural modifications among animals and plants, heredity, natural

selection and the development of the mental faculties, natural selection and morals, and the influence of the scientific method on modern thought.

Junior and Senior elective course

Three exercises (six hours) a week through the year

Professor KELLOGG

Biology 3 A continuation of Biology 2

(a) *Zoölogy of the Chordata*

The course continues through the first semester. As in the *Zoölogy of the Invertebrata,* instruction is by means of lectures, recitations, and laboratory work. The fishes, amphibia, reptiles, birds, and mammals are studied comparatively by means of dissections in the laboratory.

(b) *Embryology* The second semester is given to a study of the development of starfish, frog, chick, and mammal. In the first two forms, special attention is given to the early stages which follow fertilization. The work on the chick is outlined by a textbook, and is followed in the laboratory by means of preparations made by the student. It covers the development from the beginning of incubation to a stage in which the more important organs of the body have appeared. Mammalian development is compared with that of the chick, which it closely resembles, but is studied in the laboratory only by means of models and demonstration preparations.

Senior elective course

Three exercises (six hours) a week through the year

Professor KELLOGG

Biology 4 *Sanitary and Experimental Biology* The first part of the course will be devoted to a general survey of the methods of applied biology, especially in the examination of waters and water-supplies. The Sedgwick-Rafter method will be employed chiefly. The geographical and seasonal distribution of microscopic organisms in ponds and lakes, odors in water supplies, and the growth of organisms in water-pipes will be among the topics discussed. A microscopical examination of selected samples of water will be made, affording familiarity with the more common algae (lower plants), protozoa, rotifera, crustacea, etc. found in drinking-waters; the results will be interpreted in the light of environmental studies. The relation of protozoa to disease will be considered at some length. In the problem of safeguarding human life in any community, the securing and maintaining of a pure water-supply is one

of the most important factors, and in order to accomplish this it is necessary to have, not only the physician and sanitary engineer who can tell when water is impure and how to purify it, but also the citizen who knows what to vote for and who can be a center of intelligent influence in society.

The latter part of the course will consider the recent trend of biological investigation along experimental lines, indicating the more important results in the study of growth and regeneration, reactions to stimuli, development, inheritance, etc.

Open to Seniors and Juniors who have completed Biology 1, or the first semester of Biology 2

Three exercises a week during the second semester There usually will be two lectures of one hour each, and one laboratory period of two hours.

Dr. WOODRUFF

DEPARTMENT OF HYGIENE AND PHYSIOLOGY

Assistant Professor HOWARD

Hygiene A series of twelve lectures on subjects pertaining to personal and public health

Freshman required course

After Easter

Anatomy and Physiology The aim of the course is to give the student a knowledge of the phenomena manifested by living substance in general, and by the human body in particular. The work of the muscular, circulatory, respiratory, and other systems is studied by means of experiments in the laboratory, and by means of reading and lectures. A brief and elementary study of the nature of disease is added to the study of normal physiology.

The object of the course is not technical instruction preparatory to medical study; it is the acquisition of knowledge concerning man's body and its relation to its material environment. The course has, however, utility to the prospective medical student.

The elementary courses in Chemistry, Physics, and Biology are recommended, though not required, as preparatory to this course.

Junior and Senior elective course

Three hours a week through the year

DEPARTMENT OF GEOLOGY AND BOTANY

Professor CLELAND

Geology 1 *General Geology* This course is designed to give the student a general knowledge of the formation, structure, and history of our globe. The purpose throughout the study is so to familiarize the student with the features of the earth's surface by lantern slides, photographs, models, excursions, and lectures, that the earth forms will have a definite meaning to him. In the study of the life of the past the course of the evolution of animals and plants will be as carefully traced as time will permit.

The subject is divided into three parts:

(a) *Dynamical Geology* deals with the forces which have shaped, and are now shaping, the earth's surface, such as weathering and erosion, volcanoes, earthquakes, and glaciers.

(b) *Structural Geology* In this part of the course the structure of the earth's crust and the rocks and minerals of which it is composed will be studied.

(c) *Historical Geology* This division of the subject is a history of the life of the earth as shown by the fossil remains found embedded in the rocks and is, primarily, a study of the development of life. The fossils in the collection and a number of casts of extinct vertebrates purchased recently will be used in illustration.

Excursions will be taken to points of geologic interest about Williamstown. It is probable that two excursions outside of Williamstown will also be made, one to study the geology of the Boston Basin and Coastal physiography, and one to the Helderberg Mts. of New York, where an exceptionally fine section of fossiliferous rocks occurs.

Open to Juniors and Seniors who have had or who are taking Chemistry 1

Three hours a week through the year

Geology 2a *Advanced Geology* The work of this course will consist of a careful study of the physiography of the United States. The various physiographic provinces, into which the United States has been divided because of its topography or geology, will be separately studied, largely by means of the U. S. G. S. folios and literature. The effect of climate, soil, topography, and minerals, and other sources as affecting the people will receive especial attention.

Open to students who have had Geology 1

Three hours a week during the first semester

Geology 2b *Mineralogy* The purpose of this course is to give a knowledge of the commoner minerals and building stones and other rocks. To accomplish this the subject will be introduced by a brief course in crystallography followed by blow-pipe analysis. The student will be taught to identify the minerals by their physical properties as well as by blow-pipe and chemical tests. Specimens will be freely used. The text-book will be *Mineralogy and Crystallography and Blow-pipe Analysis,* Moses-Parsons.

Laboratory fee $3.00

Open to students who have had either Geology 1 or Chemistry 1 and 2

Three exercises (six hours) a week during the second semester

Botany This course will consist of a study of plant physiology and morphology. The aim is to give the student a general knowledge of the whole field. The physiology of plants will include such topics as the absorption and movements of liquids Food manufacture, and the phenomena of growth and movement, will be studied. Then will follow a study of plant morphology, beginning with the simplest forms of the *algæ* and working up through the flowering plants. Especial emphasis will be placed on the evolution of sex. Some time will be spent in the analysis of flowering plants and ferns. Atkinson's *Elementary Botany* will be used as a basis with Campbell, Sachs, Gray and others as references.

Laboratory fee $3.00

Open to Juniors and Seniors

Three exercises (six hours) a week during the second semester

DEPARTMENT OF PHYSICAL TRAINING

Mr. Seeley

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells

Freshman required course

Three forty-five minute periods a week until Easter

Elective work in the gymnasium is offered to the other classes.

[In connection with this work a course of lectures on Hygiene will be given after Easter by Assistant Professor Howard. See the announcement of Hygiene and Physiology.]

GENERAL INFORMATION

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his coöperation with the Faculty in the development of his own character. But if such coöperation is plainly impossible, a student may be dismissed from college even without previous warning.

HONOR SYSTEM

All examinations are conducted under an honor system, established in 1896, by which the presence of proctors in the examination room is dispensed with and each student is placed upon his honor. The following declaration is necessary to make an examination valid: *I have neither given nor received aid in this examination.*

All cases of suspected fraud are dealt with by a committee of ten students, including representatives from each class, who have the power to decide on the question of guilt and to recommend to the Faculty the penalty of dismissal from college in the case of a Senior, Junior, or Sophomore, and of suspension in the case of a Freshman.

REGISTRATION

All students are required to register at the Dean's Office on Monday, Tuesday, or the morning of Wednesday preceding the beginning of the college year. For unexcused delay in registering, a fee of five dollars is imposed.

ATTENDANCE ON COLLEGE EXERCISES

Attendance upon nine-tenths of all college exercises is required, and if a student fail for any cause to meet this requirement of attendance upon secular exercises, work additional to that done by the class will be assigned in some department or departments of study in which the failure has occurred. This assignment of extra work will be made by a committee of the Faculty in consultation with the instructor, and will be announced at the end of the semester.

The regulation of attendance upon both the secular and the religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance upon the religious exercises of the college as he may deem necessary, and to place on probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college; but any student thus dismissed has the right of an appeal through the Dean to the Committee on Administration.

COMPLETION OF COURSES

A course will be considered satisfactorily completed for any semester when the student has obtained a mark of not less than fifty in the daily work (which shall include all oral and written exercises prior to the semi-annual examination), and also a mark of not less than fifty in the semi-annual examination. A student failing to obtain a mark of fifty in the daily work must repeat the course with a subsequent class or take, in the case of an elective, an equivalent course. A student failing to obtain a mark of fifty in the semi-annual examination will be allowed two further opportunities to pass that examination; if unsuccessful in both of these, he will be required to repeat the course with a subsequent class or take, in the case of an elective, an equivalent course. For requirements for graduation, see pp. 44, 45.

DEGREES

Bachelor of Arts—The Degree of Bachelor of Arts is conferred by vote of the Trustees at the annual Commencement upon students who have completed the requirements as to courses, hours, and grades to the satisfaction of the Faculty (see pp. 44, 45), have paid their dues to the Treasurer, and have returned all books belonging to the library; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

Master of Arts—The degree of Master of Arts is conferred upon Bachelors of Williams College of at least one year's standing who, having spent one year in residence at the college, pursuing two approved courses of study as explained below, have passed a satisfactory examination in each subject, and have submitted a satisfactory thesis.

The degree is conferred upon Bachelors of Williams College who have spent one year in residence at any academic institution, pursuing two approved courses as below, provided that none of the work taken for the degree be used in fulfilment of the requirements for degrees elsewhere, and having registered for the Master's degree not less than one college year, have fulfilled the conditions as to examinations and thesis.

The degree is conferred upon Bachelors of Williams College who, not having been in residence, but having registered as candidates for the degree not less than two years, have fulfilled the conditions as to courses, examinations, and thesis.

Undergraduates of Williams College who at the beginning of their senior year require not more than eight semester hours to complete the requirements for the Bachelor's degree may apply the remainder of their allowed semester hours toward the Master's degree, receiving the same one year after graduation, provided that they have satisfied the conditions as to courses, examinations, and thesis.

The degree is conferred upon Bachelors of other colleges conferring the Bachelor's degree under conditions equivalent to those required at this college, provided that the approved courses are pursued in residence at Williams College under the specified conditions as to time, examinations, and thesis.

Each candidate must submit two courses of study, which together shall be equivalent to the work of a fifth college year. Of these courses, one, to be known as the major course, must be equivalent to at least twenty semester hours, and the other, to be known as the minor course, must be equivalent to at least ten semester hours.

Each candidate will outline his courses under the direction of the heads of the department interested and the Committee on Graduate Students, who together shall be empowered to decide whether the candidate may pursue certain advanced undergraduate courses as part of the work leading to the degree.

Candidates for the Master's degree are required to pass their examinations with at least a B grade; *i. e.,* with a minimum of eighty-two per cent.

The thesis required of each candidate must treat a subject related to the major course. It must be submitted not later than May fifteenth of the year in which the candidate desires to be examined, and must meet the approval of the professor to whose department it is related and of the Committee on Graduate Students. A copy of the thesis, printed or typewritten on paper of the size generally used in a typewriter, must be deposited in the College Library.

Each candidate must file his registration with the Secretary of the Committee on Graduate Students not later than October fifteenth of the year in which he desires to enter on his work. The registration must be renewed not later than October fifteenth of each year for which the applicant desires to be considered a candidate; and, in case of non-resident candidates, the renewal of the registration

must be accompanied by a statement showing the progress that has been made during the year.

Candidates for the degree must pay to the Treasurer of the College twenty dollars at the time of the first registration, and five dollars at the time of the final examination. No further charge is made for the diploma.

The degree must be taken not later than three years after the first registration, unless the period be extended by special vote of the Committee on Graduate Students. The candidate must give notice of his readiness for the final examinations not later than May first of the year during which he expects to receive the degree.

Candidates in residence who desire instruction will be charged forty dollars for each course, in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

The College Catalogue will publish the names of those candidates who take the required courses *in residence,* not the names of those who pursue work *in absentia.*

Successful candidates for the degree are required to be present at the time when the degree is conferred, unless previously excused by the Board of Trustees.

Communications relative to the Master's degree should be addressed to Professor Carroll Lewis Maxcy, Secretary of the Committee on Graduate Students.

RECORDS AND REPORTS

A report of scholarship is sent to every student's parents or guardian at the close of each semester, and at such other times as the Faculty may deem expedient. A permanent record is kept of each student's scholarship and by this record his final rank is determined.

PUBLIC WORSHIP

Chapel exercises are held every week-day morning and Sunday evening, and all students are required to be present.

On every Sunday morning, also, there is held in the college chapel a service at which the presence of all students not excused to attend elsewhere is required.

The preachers for the year, besides the President, Dr. Bascom, and Professor Russell, have been as follows in the order mentioned: Rev. F. T. Clayton, Williamstown; Rev. I. C. Smart, Pittsfield; Rev. W. H. Butler, Northampton; Ex-President Franklin Carter; President A. V. V. Raymond, Schenectady, N. Y.; Rev. Willard Scott, D.D., Worcester; Rev. A. H. Bradford, D.D., Montclair, N. J.; Prof. G. W. Knox, D.D., Pelham Manor, N. Y.; Rev. Daniel Clare, Hamilton, N. Y.; Rev. Andrew Gillies, New York City; Rev. P. S. Moxom, D.D., Springfield; Rev. W. W. Ranney, Hartford, Conn.; Rev. J. S. Zelie, D.D., Plainfield, N. J.; Rev. W. D. Mackenzie, D.D., Hartford, Conn.; Rev. G. G. Atkins, Burlington, Vt.; Rev. Raymond Calkins, Portland, Me.; Rev. R. H. Potter, Hartford, Conn.; Rev. H. S. Coffin, New York City; Rev. S. P. Cadman, D.D., Brooklyn, N. Y.; Rev. Graham Taylor, D.D., Chicago, Ill.; Rev. W. E. Griffis, D.D., Ithaca, N. Y.; Rev. J. F. Fitschen, Ithaca, N. Y.; Mr. Robert E. Speer, New York City; Rev. T. C. Hall, D.D., New York City; Rev. H. P. Dewey, D.D., Brooklyn, N. Y.; Rev. A. J. Lyman, D.D., Brooklyn, N. Y.; Prof. J. W. Platner, Andover; Rev. E. T. Tomlinson, D.D., Elizabeth, N. J.; Rev. D. S. Mackay, D.D., New York City.

LIBRARY

The College Library contains fifty-five thousand three hundred and fifty volumes, exclusive of duplicates, and over eighteen thousand two hundred pamphlets. The card catalogue now covers this entire collection, bound and unbound. For the maintenance and enlargement of the library about

four thousand five hundred dollars are expended annually. The Lawrence, Jonathan Phillips, Adriance, Jones, Class of 1878, and Josiah William Wheeler funds represent a capital sum of about fifty-three thousand one hundred dollars, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week day during the entire year. In term time the hours are from 8.30 A. M. to 12.30 P. M., from 2 P. M. to 6 P. M., and from 7.30 P. M. to 10 P. M. On Sundays during the college year the library is open, for reading and reference only, from 2 P. M. to 5.25 P. M. In vacation the hours are from 10.30 A. M. to 12.30 P. M., on week days.

A special effort is made to promote the seminary method. For this purpose reference books bearing on the term's work are placed in a special department of the east wing. Branch libraries are established in the Thompson Laboratories, Griffin Hall, and Hopkins Hall, bringing the books bearing on biology, chemistry, physics, mathematics, astronomy, history and government, within the immediate reach of students in those departments. With the same method in view, books used for special study in language, history, or philosophy are placed in rooms of the library or other college buildings reserved for this purpose.

The libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays.

A comfortable reading-room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Mills Young Men's Christian Association.

LABORATORIES

The departments of Biology, Chemistry, and Physics are located in the three buildings presented to the College by the late F. F. Thompson, Esq., of New York City.

The Biological Laboratory contains three laboratories for the various courses offered, a general lecture room, a library and reading-room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are being continually increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory is supplied with the best modern appliances for instruction in chemistry. The building contains three large laboratories, two private laboratories, lecture and recitation rooms, and a reference library.

The Physical Laboratory contains a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen horse-power, and the electrical equipment includes a five kilowatt dynamo, experimental dynamos and motors, Weston measuring instruments, galvanometers, standard cells, condensers, and resistances. A storage battery of thirty cells furnishes current for the lecture room and laboratories. A workshop in the basement contains an additional engine, a water motor, a 13″ lathe, and other tools for working in metal and wood.

OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, N. Y., with an object glass by Alvin Clark, Senior, which has an aperture of 7 inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for instruction and the observation of occasional phenomena. The meridian room of the Hopkins Observatory contains a portable transit which can be used as a zenith telescope, together with the necessary clock. Another room contains the meteorological apparatus. Meteorological observations have been made regularly since about 1816.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Memorial Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a small building for the accommodation of portable instruments. The main instrument of this observatory is a fine meridian circle by A. Repsold and Sons of Hamburg, with a telescope of 4.8 inches aperture and a circle divided to 2′ of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with a Riefler clock, a fillet chronograph, and collimators according to Rittenhouse. In addition the department of Astronomy is provided with a large number of portable instruments, among which are two telescopes for the simpler observations and three surveyor's transits, one of them a Wanschaff universal with seven-inch limb, latitude level, and microscopes reading to 5″ directly. There are also several instruments of reflection, including sextants, sailor's octants, and two prismatic circles, three chronometers, artificial horizons, and other small pieces of apparatus.

GEOLOGICAL MUSEUM

The Geological Museum has been built about the collections of Professor Emmons as a nucleus, the Wilder Mineralogical cabinet being purchased and placed in Clark Hall upon its completion. Since that time many specimens have been added. More recently a valuable collection of fossil vertebrates from the Bad Lands of South Dakota and from the Chalk of Kansas was secured together with many specimens obtained by donation, purchase and exchange. These specimens together with a number of casts showing the evolution of the horse, camel, etc., and Knight's restorations of extinct animals have made the collection a very valuable one for teaching purposes.

The exhibition of modern shells, in the balcony, is fairly complete and, it is expected, will soon be improved by the addition of specimens needed to complete the series.

The Mineral and Rock collection is a representative one. The local collection of Rocks and Minerals, presented by Mr. Dale, is very complete. The specimens illustrating structure and weathering are excellent. There are on exhibition a geological relief map and model showing the structure of the region about Williamstown as well as a series of models illustrating the structure of the Alps and other regions.

Clark Hall is open to students and to the public every week day throughout the college year.

GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of $50,000, chiefly by the munificence of the widow of the Hon. Josiah Lasell, of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb bells, both of wood and of iron, horizontal and parallel

bars, rings, and apparatus for developing special muscles, are used under the immediate supervision of an instructor. An inclined padded running track 229 feet in length, and a swimming pool 60 by 22 feet, are important features of the building. It is provided with hot and cold water, tub, sponge, and shower baths, and four hundred and fifty steel lockers. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the Director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class until the Easter recess.

COLLEGE INFIRMARY

Through the generosity of friends of the college a house has been provided where students who are ill can receive proper attention. In cases of severe sickness trained nurses may be secured at the expense of the patient. Each student received into the infirmary pays one dollar a day for his own board and the same for that of his nurse. Board bills are to be paid to the College Treasurer.

PRIZES

BENEDICT PRIZES

The late Hon. Erastus C. Benedict, of the class of 1821, once an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest

number of prizes.* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not be counted.

BOOK PRIZES FROM THE RICE FUND

Six book prizes will be awarded from the Rice fund for excellence in Latin and Greek to students who are not recipients of the Benedict prizes in those subjects.

Candidates for these prizes must have completed one year's work in Greek and two years' work in either Latin or Greek.

VAN VECHTEN PRIZE

A prize amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the Faculty on the basis of a public competition.

GRAVES PRIZES

The late Arthur B. Graves, Esq., of the class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the Faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience. The essays are deposited in the library.

RHETORICAL PRIZES

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

* For the present an additional sum of $75.00 will be given each year by a friend of the college to increase this prize to $100.00.

The Trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not taken the subject for the four years of the college course. One of the elective year-courses, however, may be passed off by examination, but such a course may not count toward a degree.

DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at Commencement exercises.

LATHERS GOLD MEDAL

The income of a fund of one thousand dollars, received from the late Col. Richard Lathers, is to be used each year for the making of the Lathers gold medal from a mould or die, for the manufacture of which Col. Lathers gave an

additional sum of one hundred dollars. This medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty on or before the first day of March preceding their graduation a written essay of not less than one thousand words on "The Duties of Christian Men in Relation to Government," and will be assigned to that writer whose essay has been pronounced by a committee of the Faculty to be the most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican*, or to a journal published in Pittsfield, with the request that it may appear in a near issue of such newspaper. In case no one of the competing essays has been adjudged worthy of publication, no medal for that year shall be awarded.

THE DAVID A. WELLS PRIZE

In accordance with the will of the late David A. Wells, of the class of 1847, a prize of $500 will be awarded annually for the best essay upon a subject in any one of a number of branches of Political Science.

The will provides that if no essay deemed worthy of the prize be presented in any year the award shall be withheld for that year. The successful essay will be printed and circulated by the college out of the residual income of the fund.

Competition is limited by the terms of its foundation to Senior undergraduates, and to graduates of Williams College of not more than three years' standing; but, with the exception of the graduates of the class of 1903, no one shall be eligible for the competition who has not taken Dr. Munro's or Dr. Webster's course entitled, "Introduction to Political Economy," and one of the courses of Professor Nelson, the David A. Wells Professor of Political Science.

The following provision of the will of the founder of the competition governs the committee in the selection of subjects and in the consideration of essays:

"No subjects shall be selected for competitive writing or investigation and no essay shall be considered which in any way advocates or defends the spoliation of property under form or process of law; or the restriction of commerce in times of peace by legislation, except for moral or sanitary purposes; or the enactment of usury laws; or the impairment of contracts by the debasement of coin; or the issue and use by Government of irredeemable notes or promises to pay intended to be used as currency and as a substitute for money; or which defends the endowment of such "paper," "notes," and "promises to pay" with the legal tender quality."

The subject for the competition for the prize of 1907 will be announced during the winter of 1906. Professor Nelson will furnish competitors with the titles of authorities on the subject, on application.

The essays in the competition must be sent by March 15, 1907, to Professor Henry Loomis Nelson, Williamstown, Mass., to whom all communications should be addressed.

The competition for the prize of 1907, with the qualifications already stated, is open to the members of the classes of 1903, 1904, 1905, and 1906.

FRANKLIN STORY CONANT PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the class of 1893, in memory of their deceased classmate, whose name it bears. The award of this prize is made upon the recommendation of the Professor of Natural History, to that member of the Senior class, who, in his judgment, is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Holl.

GREEK PRIZES

The sum of one hundred dollars, contributed annually, for the present, by Eugene Delano, Esq., of the class of

1866, is awarded in three prizes of fifty, thirty, and twenty dollars respectively, to the members of the Junior class who have shown the greatest excellence in the Greek studies of the Sophomore and Junior years.

DEBATING PRIZES

Through the generosity of an alumnus of the college three prizes, one of twenty-five dollars, one of fifteen, and one of ten, are awarded to three contestants in both the Dartmouth and Wesleyan preliminary debates. These prizes are awarded as follows: first, to the contestant who in the debate excels all other contestants; second, to the contestant who ranks second in excellence; and third, to the contestant who does the best work of those that do not secure appointment to the college debating team.

CANBY ATHLETIC SCHOLARSHIP PRIZE

A prize of fifty dollars, established by W. Marriot Canby, Jr., of the class of 1891, may be awarded at Commencement to that member of the Senior class who shall have the highest average standing in scholarship during his course, and who has fulfilled the requirements of eligibility.

Any member of the Senior class who has been in college since the beginning of his Junior year, and who, at any time during his college course, has represented the college in any recognized intercollegiate contest, shall be eligible.

PHI BETA KAPPA

On the second Saturday after the close of the semi-annual examinations in February a number not exceeding one twelfth of the whole number of the Senior class is elected to membership in the local chapter of the Phi Beta Kappa Society. Also, after the final examinations of the Senior year a twelfth of the remaining members of the Senior class is elected to membership. Ordinarily the twelfth having the highest standing in the class is chosen.

SPECIAL HONORS

On the recommendation of a department, the Faculty will award to any Senior at graduation "special honors" in any subject in which no prizes are offered for the work of the Junior and Senior years, if he has completed at least two elective courses in that subject with a very unusual degree of success. Such "special honors" will be announced on Commencement day, and a record of the same will be printed in the College Catalogue.

LYCEUM OF NATURAL HISTORY

This organization was founded in 1835, and is maintained by the students of the college in connection with the department of Biology. Regular meetings are held at which reports are presented by the members or by visiting biologists.

A fund established by the late William J. Walker equips expeditions, organized for the purpose of making collections and of study, at more or less distant points. This fund, which, by the terms of the gift, is awarded every fourth year, will be next available in the summer of 1908, for the encouragement of biological research at the Marine Biological Laboratory, Woods Holl, Mass.

The Lyceum of Natural History was provided with a building, Jackson Hall, named in honor of its donor, the late Nathan Jackson, in which a museum is located, which contains scientific material collected by former expeditions, together with ethnological material sent to the college by its missionary graduates, and various collections belonging to the College.

CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Latin and Greek courses, has for its object the increase of interest in the study of the classics. It holds its regular meetings in the College Library on the second

Tuesday evening of each month, for the reading and discussion of original papers and for reports in the fields of Greek and Latin philology and archæology.

ART ASSOCIATION

The Williams Art Association, an organization of the students, under the direction of Professor Rice, provides occasional lectures and exhibitions during the autumn and winter terms. The material has been provided largely by gifts of alumni and friends, who show their interest in this feature of college life by contributions to the support of the courses in the history of art. Room No. 13 in the Hopkins Memorial Building has been fitted up for exhibiting and storing the photographs, prints, and other illustrations purchased since the founding of the association.

ART COLLECTION

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia, is on exhibition in the Library.

The gift of suitable works of art is solicited by the Trustees of the college, subject to approval by a committee of their number.

THOMPSON COURSE OF ENTERTAINMENTS

This course, which for many years was sustained by the liberality of the late F. F. Thompson, Esq., of New York City, provided concerts and other entertainments during the winter. Mrs. Thompson has generously offered to continue the course for the current year.

Last year entertainments were given by: Laurent the Magician, H. Witherspoon, Leland T. Powers, Miss K. J. Everts, the Adamowski Trio, and the Kneisel Quartette.

THE BEACH-HYDE LECTURE

James H. Hyde, Esq., of the Equitable Life Assurance Society, New York City, has generously provided that the annual lecturer of the Cercle Français de l'Université Harvard shall give one lecture before the Faculty and students of the college in honor of his great-grandfather, James Beach, of the class of 1804.

FIELD SPORTS

The smaller athletic fields near the college buildings afford practice in lawn-tennis and baseball, while the large Weston field, the gift of the late Hon. Byron Weston, of Dalton, affords opportunity for baseball, football, and track athletics. The golf links of the Taconic Club is open, upon moderate terms, to student players.

SCHOLARSHIPS

THE HORACE F. CLARK PRIZE SCHOLARSHIP

The Horace F. Clark Prize Scholarship, in honor of Horace F. Clark, Esq., of the class of 1833, has been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter, and the income will be awarded as follows:

(1) *For the Freshman year* $200, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who upon admission to the college shall have passed a better examination than any other such member of the class.

The examination for this scholarship will be held in Williamstown, on the Monday and Tuesday preceding the opening of the college year in September.

(2) *For the Sophomore year* $200, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination on certain subjects

supplementary to and connected with the regular studies of the course, the sum to be paid at the end of the Sophomore year.

(3) *For the Junior year* $200, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination on certain subjects supplementary to and connected with the regular studies of the course, the sum to be paid at the end of the Junior year.

(4) *For the Senior year* $400, to be awarded to the member of the class regularly and faithfully participating in and duly completing the duties of that year, who shall pass the best examination on certain subjects supplementary to and connected with the regular studies of the course, and shall engage to pursue in residence for one year at some academic or scientific institution a course of graduate study (non-professional) to be approved by the Faculty, the sum to be paid one-half at the end of the Senior year and one-half at the close of such year of graduate study. Such graduate student must register his name, address, and course of study with the Secretary of the Faculty not later than the first of November, and must pass a satisfactory examination upon the work assigned. This examination will be held in Williamstown in June.

This scholarship may be withheld whenever, in the judgment of the committee, the result of the competition, in any class, does not justify its award.

The subjects for the examination for the candidates from the Sophomore, Junior, and Senior classes are to be a major and a minor subject chosen from different departments of study. Such subjects must be submitted by the first of November each year to a committee of the Faculty, consisting for the present year of Professors Hewitt and J. L. Kellogg, and Assistant Professor Hardy. The examination upon the minor subject will be held during the second week in January and that on the major subject in June.

The assignment in a major subject is expected to be as nearly as possible equal to the amount of work covered in a course occupying two hours a week for a year, and the assignment in a minor subject is expected to be equivalent to the work of a course occupying one hour a week for a year.

HONOR SCHOLARSHIPS

Several "Honor Scholarships" have been founded by alumni and friends of the college in order both to afford pecuniary aid and to recognize successful scholarship. But under the present system all scholarships are considered "honor scholarships," and therefore these special "Honor Scholarships," five in number, are now merged in the general list in accordance with previous announcements (Catalogue, 1898, 1899).

GENERAL SCHOLARSHIPS

The income of the endowments included in the appended list, amounting to about $11,000 annually, is available for distribution under the direction of the Trustees among those students who are known to need aid. This is given in scholarships to candidates for the bachelor's degree.

The regulations are as follows:

1 Applications must be made in advance to the Committee on Scholarships upon forms provided by the Dean. All scholarships lapse at the close of the college year. Application for renewal, including a complete statement of income and expenditure for the year preceding, must be filed before July 1st upon forms provided by the Committee.

2 All promises of scholarships to students before their admission are provisional. If conditions or deficiencies are standing against the candidate when the college year opens, his scholarship may thereby be forfeited. Scholarships are not assigned to students registering in Group VI.

3 Freshmen and Sophomores are expected to carry sixteen hours of college work per week, and Juniors and Seniors fifteen hours per week. A student having less than this number of hours to his credit at the beginning of any semester ordinarily forfeits his scholarship.

4 The stipend for Freshmen is uniformly fifty-seven and one-half dollars for the first semester. For each semester of the course after the first, the stipends range from fifty-seven and one-half to eighty-seven and one-half dollars.

A regrading of the stipends will be made at the beginning of each semester, on the basis of the averages for the previous semester, according to the following scale:

Group 1.	Upper grade A,	(95 per cent. or over)	$87.50	per	semester
" 2.	Lower " "	(92 to 95 per cent.)	80.00	"	"
" 3.	Upper " B,	(87 to 92 ")	72.50	"	"
" 4.	Lower " "	(82 to 87 ")	65.00	"	"
" 5.	Grade C,	(70 to 82 ")	57.50	"	"

5 A Freshman who fails to reach an average of sixty-five per cent. in his studies for either semester will lose his scholarship for the following semester.

6 After the Freshman year, a student who fails to reach an average of seventy per cent., or grade C, will lose his scholarship for the following semester.

7 Any one of the following causes may prevent the consideration of an application, or cause the forfeiture of a scholarship already awarded:

(*a*) Evidence satisfactory to the committee that the scholarship is not needed,

(*b*) Any serious misconduct,

(*c*) Indulgence in intoxicating liquors,

(*d*) Expensive habits. Holders of scholarships must satisfy the committee that they are exercising strict economy in respect to lodgings, board, and general living expenses.

8 A scholarship may be restored after a lapse of a semester, if the cause of forfeiture has been removed.

In accordance with previous announcement, lists of all holders of scholarships, except Freshmen, are printed in the Catalogue in groups according to grades.

REVISED LIST OF SCHOLARSHIP FUNDS

The Henry Titus Morgan Fund, 1883	$81,893.82
The John C. Baldwin Fund, 1871	27,915.14
The William Hilton Fund, 1897, 1899	22,553.66
The Alumni Scholarship Fund, 1870	10,000.00
The Mrs. Abby Burrall Mills Fund, 1876	8,300.00
The Massachusetts Fund, 1869	7,500.00
The Woodbridge Little Fund, 1811, 1813	6,000.00
The Moses Day Fund, 1880	5,000.00
The Thomas Thornton Read Permanent Fund, 1888	4,965.75
The three Commonwealth Scholarships, 1861	4,500.00
The Horace Nathaniel Pennoyer Scholarship, 1895	3,500.00
The Francis Henshaw Dewey Scholarship, 1888	3,000.00
The Henshaw Scholarship, 1888	3,000.00
The Joseph White Memorial Scholarship	3,000.00
The Thomas Thornton Read Scholarship, 1875	2,500.00
The Scholarship of the Class of 1851, 1872	2,500.00
The Mrs. Louisa F. Bartlett Scholarship, 1874	2,500.00
The Homer Bartlett Scholarship, 1861, 1874	2,500.00
The William Hyde Scholarship, 1869, 1875	2,500.00
The Mrs. William Hyde Scholarship, 1880	2,500.00
The Orrin Sage Scholarship, 1853, 1875	2,500.00
The Miss Sarah Ruth Sage Scholarship, 1880	2,500.00
The Hancock Scholarship, 1875	2,500.00
The Olin White Geer Memorial Scholarship, 1884	2,500.00
The Paul Ansel Chadbourne Scholarship, 1889	2,500.00
The Charles Henry Thomson Scholarship, 1871	2,500.00
The James Ruthven Adriance Memorial Scholarship, 1880	2,500.00
The Samuel Dennis Warren Scholarship, 1870	2,500.00
The Charles Franklin Gilson Scholarship, 1881	2,500.00
The Scholarship of the Class of 1867	2,500.00
The Scholarship of the Class of 1862, 1868-1902	2,500.00
The Ephraim Flint Scholarship, 1904	2,500.00
The Henry P. Brush Scholarship, 1885	2,375.00
The Amos Lawrence Scholarships, 1847	2,000.00
The Scholarship of the Class of 1852, 1873	1,808.00
The Charles Augustus Dewey Scholarship, 1866, 1870	1,500.00
The Charles A. Jessup Scholarship, 1879	1,000.00

The Mrs. Robert Means Fund, 1857	$1,000.00
The Abraham Baldwin Olin Scholarship, 1866	1,000.00
The George H. Rosseter Scholarship, 1873	1,000.00
The Newton Henry Rosseter Scholarship, 1870	1,000.00
The Mrs. Charlotte Cone Scholarship, 1856	1,000.00
The Charles Stoddard Scholarship, 1866	1,000.00
The Emory Washburn Scholarship, 1877	1,000.00
The Mrs. Sarah Woodhull Arms Scholarship, 1877	1,000.00
The Cyrus Taggart Mills Scholarship, 1886	1,000.00
The Michael Edward Driscoll Fund, 1896	1,000.00
The Benjamin Howard Fund, 1902	952.50
The Ezra Starkweather Fund, 1835	943.60
The Franklin Marcellus Olds Fund, 1886	700.00
The Charles Merriam Scholarship, 1860	550.00
The J. Barker and Brothers Scholarship, 1856	500.00
The W. W. Mason Scholarship, 1856	500.00
The B. F. Bancroft Scholarship, 1856	500.00
The Bela Peck Williams Scholarship, 1859	500.00
The Thomas W. Williams Scholarship, 1859	500.00
The John Tatlock, Jr. Fund 1892	500.00
The Charles Andrews Heath Fund, 1897	500.00
The John Dudley Hardy Fund, 1902	500.00
The Ira Jewett Geer Fund, 1902	500.00
The Fund of the Class of 1840	500.00
The Fund of the Class of 1857	500.00
The Fund of the Class of 1860	450.00
The Funds of six other Classes	337.00
The Frank Benjamin Yates Fund, 1897	300.00
The Mrs. Betsy Barnes Fund, 1879	300.00
The Fund of the Class of 1848	300.00
The Fund of the Class of 1847	200.00
Total	$265,344.47

The use of the income of the bequest of the late Henry Titus Morgan, in assisting young men to secure an education, is in accordance with the preference expressed, though not made mandatory, in his will. By vote of the Trustees the income is used, so far as may be necessary, to provide Henry Titus Morgan Scholarships for the Freshman class.

The income of $1,000, the gift of Col. Henry Root, the income of $6,000, the gift of Ebenezer R. Goodnow, and

the income from $10,000, the gift of a friend, will also ultimately be devoted to scholarships.

The Horace F. Clark Prize Scholarship Fund of $20,000 is not a part of the General Scholarship Fund, its income being distributed as prizes to all successful competitors without regard to their pecuniary circumstances, as is explained on page 98.

EXPENSES

TREASURER'S BILLS.

Tuition, $70 per semester	$140.00	$140.00
Room rent, $18 to $80 per semester	36.00	160.00
	$176.00	$300.00

The following is an estimate of the necessary expenses for the college year:

Board, $4.00 to $6 per week, for 36 weeks	$144.00	$216.00
Washing	15.00	20.00
Light	2.00	20.00
	$161.00	$256.00
Total from	$337.00	to $556.00

In addition to these items a fee is charged for the use of apparatus and materials in connection with the following courses:

Biology 2	$15.00	
Biology 3	15.00	
Botany	5.00	
Chemistry 1	3.00	
Chemistry 2	10.00	and breakage
Chemistry 3a	10.00	" "
Chemistry 4	10.00	" "
Geology 2	3.00	
Art 2	6.00	
Physics 1	2.00	
Physics 2	10.00	
Physics 3	10.00	

All fees mentioned in this paragraph are paid directly to the respective departments at the beginning of each term.

An additional charge of $10.00 is made on the last term bill of the Seniors to cover expenses of graduation.

Every student's bill is mailed to him at the beginning of each semester, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the end of the second week after the date of the bill, he may be excluded from all college exercises. No part of a term bill will be refunded for any cause.

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

To the above items must be added the expense of furnishing a room, cost of text-books, and incidentals. The amount of incidental expenses depends very much on the habits of the student.

Special damage done by students to college property will be charged in their term bills.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz.: Sophomores, $10; Juniors, $20; Seniors, $30. This rule is applicable also to partial course students.

COLLEGE ROOMS

The college has six buildings used as dormitories. There are four triple rooms, eighty-four double rooms, and thirty-one single rooms. These accommodate two hundred and eleven students. The study of every suite is heated by steam from the central heating plant. Each building has bath-room and lavatory conveniences. The rooms are unfurnished.

New dormitories are being planned and constructed. These will greatly increase the accommodations.

Necessary repairs are made by the college, but all additional work is at the expense of those who hire the rooms. Janitors take care of the rooms in West College and in College, Jesup, and Morgan Halls. In the other buildings the occupants take care of their own rooms. Students receiving beneficiary aid are expected to room in the cheaper dormitories.

There are three methods of securing rooms: by occupancy, by lot, and by application.

Up to May 1st of each year the two occupants of any room may retain their room for the ensuing college year by renewing their obligations and paying half of the yearly rental. One student may hold his half of a double room by securing a room-mate from his own class or from an upper class.

The rooms not thus re-engaged are offered to the college classes in the order of seniority. The choice in each class is determined by lot, but no choice is allowed except to two members of the same class who wish to room together. The members of the coming Senior Class who wish to occupy college rooms will meet in No. 4 Hopkins Hall at two o'clock on the afternoon of the first half holiday in May and draw lots for choice of rooms. The members of the coming Junior Class will do the same on the second half holiday in May, same place and hour. The members of the coming Sophomore Class will do the same on the third half holiday in May, same place and hour.

All rooms not taken by the men in college are open to the entering class in the order of application. This application does not constitute a promise on either part, but it gives the applicant an opportunity to select a room if, when the time of choice comes, there is any room open that he desires. An early application is wise. When his time of choice comes a list of vacant rooms will be sent the applicant. If he wishes a double room he must select his own room-mate or take the next man on the application list.

To secure a room the applicant must sign the following paper:—

The undersigned hereby applies for the assignment to him of one half of Room No.....in.....for the college year 19 -19 , subject to all the published room regulations, and for his personal use and occupation as a student, and agrees to pay therefor as a part of the annual charges during said year against the undersigned as a student the sum of $..... payable in half-yearly payments. The first half-yearly payment shall be payable when the assignment is made and no part thereof shall be refunded under any circumstances.

The payment of one half of the yearly rental when the assignment is made is required of all who take college rooms, both those already members of college and those intending to enter.

The man who signs for a room must occupy it himself; he cannot transfer it. No double room is secured till both applications are on file with the Secretary. Each occupant of a college room is held responsible for all damage done to his room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all furniture and other property from their rooms immediately after Commencement. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but in cases of other students it will be charged in the next term bill. The furniture left by the graduating class is sold at reduced rates. Second-hand text-books are also on sale in the village. All things sent for the students during vacation should be sent to the care of the Superintendent of Buildings.

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

Copies of the college Bulletin, blank applications for beneficiary aid, specimen entrance examination papers, descriptive and price lists of rooms and general information may be sought of the Secretary of the Faculty.

PRIZES AWARDED AT COMMENCEMENT 1905

THE BENEDICT PRIZES

In Latin

First Prize—Carroll Atwood Wilson .....Class of 1907
Second Prize—Equally divided between Henry Cleveland Blagbrough and Otis Chamberlain Morrill... " " "
Honorable Mention—Stephen Treat Stanley ..... " " "

In Greek

First and Second Prizes—Equally divided between Arthur Howland Buffinton, Otis Chamberlain Morrill, and Stephen Treat Stanley.....Class of 1907
Honorable Mention—John Barton Loughborough and Clarence Bennett Stewart..... " " "

In French

First Prize—Francis Brown Barton .....Class of 1907
Second Prize—Frederic Daniel Cheydleur..... " " 1905

In German

First Prize—Charles Harrison Demond .....Class of 1906
Second Prize—Percy Llewellyn Boutelle ..... " " 1905

In Mathematics

First Prize—Otis Chamberlain Morrill .....Class of 1907
Second Prize—Carroll Atwood Wilson ..... " " "
Honorable Mention—Archibald Douglas Kincaid ... " " "

In Natural History

First Prize—Equally divided between David Lawrence Belding and William Clinton Johnson .....Class of 1905
Second Prize—James Roe Stevenson ..... " " "

In History

First Prize—Raymond Eugene Cook .....Class of 1905
Second Prize—Bernard Copping, Jr., ... " " "
Honorable Mention—Albert Priest Newell ..... " " "

Prize for Prizes

Roy Kenneth Hack .....Class of 1905

THE GRAVES PRIZES

For Essays—Class of 1905

Frederic Daniel Cheydleur — Max Forrester Eastman
Raymond Eugene Cook — Roy Boardman Smith
Clarence Elmore Wells

For Excellence in Delivery

Max Forrester Eastman

THE RHETORICAL PRIZES

General Prize

William Mansfield Clark ..... Class of 1907

Junior Prizes

First Prize—Gordon Hill Kellogg ..... Class of 1906
Second Prize—Francis Berry Cantwell..... " " "

Sophomore Prizes

First Prize—Ernest Belden Hart ..... Class of 1907
Second Prize—Tracey Allen Rudd ..... " " "

THE VAN VECHTEN PRIZE

For Extemporaneous Speaking

Harry Lewis Everitt ..... Class of 1905

THE DEBATING PRIZES

Dartmouth Preliminaries

First Prize—Russell Stanley Gregory ..... Class of 1905
Second Prize—Joseph Earl Perry ..... " " 1906
Third Prize—Bernard Westermann ..... " " 1908

Wesleyan Preliminaries

First Prize—Russell Stanley Gregory ..... Class of 1905
Second Prize—Joseph Earl Perry ..... " " 1906
Third Prize—James Roe Stevenson ..... " " 1905

THE DEWEY PRIZE

For Excellence in Commencement Exercises

William Smith Pettit ..... Class of 1905

THE RICE PRIZES

In Latin

First Prize—Equally divided between Percy Llewellyn Boutelle and Roy Kenneth Hack ..... Class of 1905
Second Prize—Raymond Eugene Cook ..... " " "

In Greek

FIRST PRIZE—Roy Kenneth Hack .....Class of 1905
SECOND PRIZE—Equally divided between Lindsay Stillwell Hadley and James Roe Stevenson ..... " " "

Book Prizes from the Rice Fund—Class of 1907

John Edward Hughes	Clarence Bennett Stewart
John Barton Loughborough	William Carson Temple
Lytel William Matthews	Edward Brockway Wight

THE DELANO PRIZES IN GREEK

FIRST PRIZE—Charles Henry Brady .....Class of 1906
SECOND PRIZE—Llewellyn Hartranft Andrews ..... " " "
THIRD PRIZE—Harrison Nelson Bowen ..... " " "

THE CANBY ATHLETIC PRIZE

Arvie Eldred .....Class of 1905

THE HORACE F. CLARK PRIZE SCHOLARSHIPS

Senior and Graduate

Equally divided between Roy Kenneth Hack and Max Forrester Eastman .....Class of 1905

Junior

Charles Henry Brady .....Class of 1906

Sophomore

William Mansfield Clark .....Class of 1907

Freshman

Otto Bachmeister .....Class of 1908

HOLDERS OF SCHOLARSHIPS

SENIORS, JUNIORS, AND SOPHOMORES, CLASSES OF 1906, 1907, AND 1908

The following list of holders of scholarships is considered an "honor list." It includes the names of none who have not been in college for at least a year, and of none who did not reach at least the grade of C for the last semester. It therefore excludes the names of all Freshmen and other new students, though they may be having the pecuniary advantages of scholarships.

It excludes also the names of a few students who hold scholarships by special vote of the Trustees.

The list is based on the averages of the last semester, as is fully explained in section 4 on page 101.

A few scholarships are dependent upon local considerations, or personal nomination. Incumbents of such scholarships are placed in the groups which correspond to their standing, without regard to the actual value of the scholarships which they hold.

GROUP I

1907

George Burwell Dutton

GROUP II

1907

Harry Cleveland Blagbrough
Otis Chamberlain Morrill
Carroll Atwood Wilson

1908

Otto Bachmeister

GROUP III

1906

Walter Summerhayes Case
Eugene Irving Cowell
Gordon Hill Kellogg
Erwin Briant Leland

1908

Harold Lawton Bruce
James Atkins Bullard
George Tilden Colman
Alfred Ludlum Deyo
Frederick John Vincent Hancox

1907

Lytel William Matthews
Arthur Havens Penny

GROUP IV

1906

Llewellen Hartranft Andrews
Basil Dolivar Barlow
Edward Allison Clapp
Charles Frederick Gunther
Harold Adin Nomer
Joseph Earl Perry
John Barr Reid
Albert Harold Wakefield
Walter Leroy White

1907

Northrop Clarey
William Mansfield Clark
Henry Greeley Durfee
Boyd McCleary
Harry Moffitt
Stephen Treat Stanley
Clarence Bennett Stewart

1908

John Leonard Cole
Roy Stanley Corwin
John Herman Fischer
Noble Wyman Sheldon

GROUP V

1906

Richard Newell Barrett
Lindoff Austin Bassett
Warren Hezekiah Blaisdell, Jr.
Harrison Nelson Bowen
Richard Samuel Burnap
Edward Aloysius Kenney
Clinton Burnett Wilbur

1907

Archibald John Allen
Albert Willard Andrews
Dennis William Bennett
Lewis Isaac Birdsall
Edmund Stuart Cramer
Robert Elias Frink
Arthur Norton Gadsby
Lewis Gibson Hinman
John Edward Hughes
Bert Elmer Hurlbut
Wilbur Hammond Russell
Lawrence Joseph Stoddard
William Carson Temple
Oswald Tower
Leopold Livingstone Wilder

1908

Harold Chamberlain Fenno
Hiram Wilson Fisher
Luther Richardson Fowle
Theodore Wilson Fowle
George Herbert Kelley
Harold Hawkins La Ment
Charles Frederick Nelson
Henry James Post
Charles Andrew Pusey
James Watters

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1905

PHILOSOPHICAL ORATIONS

Percy Llewellyn Boutelle
Benjamin Franklin Mills (Valedictorian)

Second Class

David Lawrence Belding — Roy Kenneth Hack
William Clinton Johnson

ORATIONS

Max Forrester Eastman — Lindsay Stillwell Hadley
Arvie Eldred — Albert Priest Newell
James Roe Stevenson

DISSERTATIONS

First Class

Frederic Daniel Cheydleur — William Smith Pettit
Raymond Eugene Cook — Henry Bernon Tourtellot
Bernard Copping, Jr. — Charles White Whittlesey

Second Class

Edward Gould Chace — Charles Arthur Marvin
Ezra Fisk — Harold Percy Peckham
Frederick Raymond Hunt — Clarence Elmore Wells

DEGREES CONFERRED IN 1905

BACHELOR OF ARTS

George Charles Appell, Jr. — Roy Luman Buffum
William Gage Austin — Edward Gould Chace
David Lawrence Belding — Frederic Daniel Cheydleur
William Leroy Belknap, Jr. — Ralph Mather Cole
Joseph Francis Boland — Raymond Eugene Cook
Percy Llewellyn Boutelle — Bernard Copping, Jr.
Harold Gibson Brown — George Bliss Davenport

William Adams Dayton, Jr.
James Watson Williams Dimon
Max Forrester Eastman
Walter Morton Edwards
Wakeman Clark Egerton
Arvie Eldred
Henry Lewis Everitt
Ezra Fisk
Clifford Harry Fulton
Clarence James Goodwillie
Russell Stanley Gregory
Roy Kenneth Hack
Lindsay Stillwell Hadley
John Munn Hanford
Herbert Barber Howe
Frederick Raymond Hunt
William Clinton Johnson
Frederick Allen Judson
Ralph Miller Ketcham
Eugene Hooker Leaning
Arthur Ward Lincoln
Herman Livingston, Jr.
John Bright Lord
John Joseph McCarty
Baldwin Mann
Charles Arthur Marvin
Henry Wicker Mellen
Ray March Merrill
Philip Northrop Miller
Benjamin Franklin Mills
William Hilary Murray
Harold Everett Nesbitt
Albert Priest Newell
William Allan Newell
Louis Harold Northrop
David Henry Osborne, 2d
Bert Fletcher Parsons
Harold Percy Peckham
William Smith Pettit
John Bayard Pruyn
Charles Runyon, Jr.
John Shepard Shedden
Joseph Edwin Shoudy
Roy Boardman Smith
James Roe Stevenson
William Redfield Stocking, Jr.
Walter Albert Swan
Charles Franklin Taber
Wilbur Thing
Henry Bernon Tourtellot
James William Wadsworth
Harry Towle Watson
Robert Epenetus Webster
Barrett Rich Wellington
Clarence Elmore Wells
Charles White Whittlesey
William Theron Wright

Arthur Day Hawley, as of the Class of 1855
Frederick William Mitchell, as of the Class of 1862
John I. Zoller, as of the Class of 1895

MASTER OF ARTS

Elmer Alanson Green, Class of 1902
Brainerd Mears, Class of 1903
Madison Clair Bates, Class of 1904

HONORARY DEGREES

MASTER OF ARTS

Francis Richmond Allen
Wallace Clyde Johnson

DOCTOR OF DIVINITY

The Reverend William Mercer Grosvenor
The Reverend Stephen Beasley Linnard Penrose

DOCTOR OF LAWS

Joseph Hodges Choate
Edward Herrick Griffin
William Packer Prentice
Elihu Root

DOCTOR OF LETTERS

Theodore Roosevelt

STUDENTS

CANDIDATES (IN RESIDENCE) FOR THE DEGREE OF MASTER OF ARTS

Raymond Eugene Cook, B.A., 1905, Troy, N .Y.
History—Latin

Max Forrester Eastman, B.A., 1905, Elmira, N. Y.
Sociology—History

John Bright Lord, B.A., 1905, Brooklyn, N. Y.
Political Science—English

William Smith Pettit, B.A., 1905, Canajoharie, N. Y.
Political Science—History

Clarence Elmore Wells, B.A., 1905, Riverhead, N. Y.
Geology—English

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

SENIORS—CLASS OF 1906

Llewellyn Hartranft Andrews	*Dalton*	5 E. C.
Alfred Hector Appell	*Mount Vernon, N. Y.*	Z. Ψ. House
Wilfred Smith Ayers	*Jacksonville, Ill.*	Φ. Δ. Θ. House
Basil Dolivar Barlow	*Ware*	Δ. Υ. House
Richard Newell Barrett	*Albany, N. Y.*	10 E. C.
Lindhoff Austin Bassett	*Ware*	Θ. Δ. X. House
Henry Dike Bixby	*Salem*	A. Δ. Φ. House
Warren Hezekiah Blaisdell, Jr.	*Carlisle*	4 S. C.
Alfred Miller Botsford	*Quincy, Ill.*	Δ. K E. House
Harrison Nelson Bowen	*Briggsville*	Main St.
Charles Henry Brady	*Rye, N. Y.*	St. Anthony Hall
Albert Francis Buchanan	*Indianapolis, Ind.*	Θ. Δ. X. House
Richard Samuel Burnap	*Fitchburg*	8 E. C.
Francis Barry Cantwell	*Malone, N. Y.*	Σ. Φ. Place
Walter Summerhayes Case	*New York City*	Φ. Δ. Θ. House
Charles Edmund Casey	*Lee*	6 M. H.
Edward Allison Clapp	*Auburn, N. Y.*	23 E. C.
Eugene Irving Cowell	*Ashburnham*	A. Z. A. House
Arthur Newell Cowperthwait	*New York City*	A. Δ. Φ. House
Stanley Gardner Curtis	*Plattsburgh, N. Y.*	12 Hoxsey St.
William Hanford Curtiss	*Olean, N. Y.*	22 J. H.
Robert Frederick Day	*Springfield*	10 Park St.
William Harris Day, Jr.	*Batavia, N. Y.*	9 E. C.
Charles Harrison Demond	*Stafford Springs, Conn.*	14 Hoxsey St.
Nathaniel Hillyer Egleston	*Elizabeth, N. J.*	St. Anthony Hall
Chester Fitch	*Utica, N. Y.*	Netherleigh
Raoul Herbert Fleischmann	*New York City*	8 W. C.
Charles Ball Gale	*Lee*	6 North St.
Daniel Francis Gardner	*Pownal, Vt.*	A. Z. A. House
William Hazen Gates	*Sholapur, India*	Southworth St.
Morton Daniel Griswold	*Wallingford, Conn.*	St. Anthony Hall
Charles Frederick Gunther	*North Adams*	22 E. C.

Erskine Burt Halley	*Troy, N. Y.*	K. A. Lodge
Ben Hershey	*Sterling, Ill.*	Z. Ψ. House
Chauncy Hills	*Gambier, O.*	Z. Ψ. House
Donald McCullough Hills	*Gambier, O.*	Z. Ψ. House
Russell Valentine Hobson	*Wallingford, Conn.*	Δ. K. E. House
Barnaby Matthew Hogan	*Williamstown*	State Road
George McIntyre Holroyd	*Waterford, N. Y.*	Δ. K. E. House
Roger Carroll Hoyt	*New York City*	X. Ψ. Lodge
George Duryee Hulst	*Brooklyn, N. Y.*	Φ. Δ. Θ. House
Edward Aloysius Kenney	*Clinton*	14 Buckley St.
Erwin Briant Leland	*Plainfield, N. J.*	A. Z. A. House
Homer Payson Little	*Dalton*	6 North St.
Leslie George Loomis, Jr.	*Victor, N. Y.*	8 W. C.
John Adams Lowe	*Fitchburg*	Φ. Society House
Bernard Ford Lowry	*Akron, O.*	2 S. C.
Alexander McAllister	*Spencer, Iowa*	7 E. C.
Wilson Elias McGown	*Cooperstown, N. Y.*	11 M. H.
Frederick Arthur Macnutt	*Chelmsford Centre*	8 S. C.
Louis Franklin Martin	*Manchester, Vt.*	6 M. H.
Leverett Burnham Mears	*Williamstown*	Hoxsey St.
Brockholst Kip Miller	*Plainfield, N. J.*	20 E. C.
Shepard Ashman Morgan	*Rochester, N. Y.*	A. Δ. Φ. House
Chester Newton Myers	*Valley Falls, N. Y.*	Room D, C. H.
Christian Carl Narten	*Cleveland, O.*	X. Ψ. Lodge
Frank Rollinson Neild	*Holyoke*	A. Z. A. House
Harold Adin Nomer	*Plainfield, N. J.*	Δ. T. House
Albert Victor Osterhout	*Auburn, N. Y.*	10 Hoxsey St.
Wilbur Jewell Page	*Concord, N. H.*	9 E. C.
Percy Jerauld Paxton	*Princeton, Ind.*	Δ. K. E. House
Joseph Earl Perry	*Shelburne Falls*	7 E. C.
Philip Rising Peters	*Lancaster, O.*	X. Ψ. Lodge
John Barr Reid	*Pittsfield*	5 E. C.
Francis LeBaron Robbins, Jr.	*Greenfield*	A. Δ. Φ. House
Frank Reamer Schell	*Harrisburg, Pa.*	K. A. Lodge
Howard Abraham Scholle	*New York City*	A. Z. A. House
Henry Hiland Sercomb	*Chicago, Ill.*	A. Δ. Φ. House

Floyd Reeves Smith	*Tarrytown, N. Y.*	A. Δ. Φ. House
Willard Bull Van Inwegen	*Port Jervis, N. Y.*	Z. Ψ. House
Albert Harold Wakefield	*Sheffield*	10 E. C.
Stuart Durland Warner	*Brooklyn, N. Y.*	Δ. K. E. House
Walter Leroy White	*Phillipston*	8 E. C.
Clinton Burnett Wilbur	*Somerset*	16 S. C.
Donald Denison Willcox	*Chester, Conn.*	St. Anthony Hall
Orpheus Lanphear Woodbury	*Beverly*	25 J. H.
Samuel Caverly Wooster, Jr.	*Albany, N. Y.*	Δ. K. E. House
Frederick Fleek Wright	*Newark, O.*	4 M. H.
Robert VanLier Zahner	*Adams*	20 E. C.

JUNIORS—CLASS OF 1907

John Alexander	*Schenectady, N. Y.*	16 E. C.
Archibald John Allen	*Williamstown*	A. Z. A. House
Albert Willard Andrews	*Canandaigua, N. Y.*	A. Z. A. House
Francis Brown Barton	*Palmer*	17 E. C.
Franklin Westinghouse Bates	*Williamstown*	16 East Main St.
Dennis William Bennett	*West Warren*	18 E. C.
Hughes Mott Benson	*Auburn, N. Y.*	A. Z. A. House
Lewis Isaac Birdsall	*Patterson, N. Y.*	3 S. C.
Harry Cleveland Blagbrough	*Orange*	6 E. C.
Grover Chester Bowman	*Tuscola, Ill.*	11 E. C.
George Edward Brockway, Jr.	*Salem, N. Y.*	17 E. C.
Arthur Milton Brown	*Troy, N. Y.*	12 E. C.
Howard Howland Brown	*Adams*	10 M. H.
Montague Brown	*Portland, Me.*	K. A. Lodge
Arthur Howland Buffinton	*Pottersville*	17 S. C.
Leonard Lord Campbell	*Indianapolis, Ind.*	Θ. Δ. X. House
Roy Herbert Case	*Canandaigua, N. Y.*	7 North St.
Chauncey Brewster Chapman	*Ogdensburg, N. Y.*	19 C. H.
Northrop Clarey	*Great Barrington*	18 E. C.
William Mansfield Clark	*Salisbury, Conn.*	A. Z. A. House
Donald Robinson Cole	*Rochester, N. Y.*	38 M. H.
Clinton de Raismes Combes	*Elmhurst, N. Y.*	2 M. H.
John Howard Conover	*Chatham, N. J.*	Δ. T. House
Calvin Brewster Coulter	*Chicago, Ill.*	10 Hoxsey St.
Edmund Stuart Cramer	*North Tonawanda, N. Y.*	Δ. T. House
William Nathaniel Daniells	*Madison, Wis.*	6 S. C.
Edward Bassford Davis	*Richmond*	19 E. C.
Kenneth Stackpole Domett	*Boston*	Δ. K. E. House
Henry Greeley Durfee	*Oberlin, O.*	14 S. C.
George Burwell Dutton	*Buffalo, N. Y.*	6 E. C.
Ralf Pomeroy Emerson	*Detroit, Mich.*	K. A. Lodge
Dudley Ward Fay	*Auburn, N. Y.*	12 W. C.
Joseph Chandler Ford, Jr.	*Fruitport, Mich.*	K. A. Lodge
Robert Elias Frink	*Hillsdale, N. Y.*	10 S. C.

Arthur Norton Gadsby	*North Adams*	11 E. C.
Olin Potter Geer	*New York City*	6 C. H.
Appleton Gregory	*Albany, N. Y.*	St. Anthony Hall
Alfred Phineas Hanchett, Jr.	*Council Bluffs, Iowa*	X. Ψ. Lodge
Ernest Belden Hart	*Bristol, Conn.*	3 S. C.
John Dean Gillette-Hill	*Lincoln, Ill.*	Θ. Δ. X. House
Lewis Gibson Hinman	*Addison, N. Y.*	13 S. C.
Henry Alexander Hompe	*Auburn, N. Y.*	15 E. C.
Edward Frank Howe	*Troy, N. Y.*	Σ. Φ. Place
Eugene Maclay Hoyne	*Chicago, Ill.*	A. Δ. Φ. House
John Edward Hughes	*Williamstown*	Thomas St.
Bert Elmer Hurlbut	*Gouverneur, N. Y.*	A. Z. A. House
Albert Jaeckel	*New York City*	X. Ψ. Lodge
Reginald Davis Johnson	*Pasadena, Cal.*	A. Δ. Φ. House
Charles Andrew Kanter	*Detroit, Mich.*	36 M. H.
Monroe Benchley Keith	*Minneapolis, Minn.*	10 M. H.
Archibald Douglas Kincaid	*Honolulu, H. I.*	33 M. H.
Karl Klauser	*Milwaukee, Wis.*	St. Anthony Hall
Kerro Knox	*Plainfield, N. J.*	Φ. Δ. Θ. House
John Henry Lapham	*New York City*	13 W. C.
Richard Rossman Lawrence	*Hillsdale, N. Y.*	10 S. C.
Rudolph William Lesser	*Albany, N. Y.*	4 M. H.
James Alexander Linen, Jr.	*Scranton, Pa.*	19 C. H.
John Barton Loughborough	*Auburn, N. Y.*	5 C. H.
Boyd McCleary	*Amsterdam, N. Y.*	21 E. C.
Frederick Hamilton McGown	*Cooperstown, N. Y.*	11 M. H.
Lytel William Matthews	*Westfield, N. Y.*	24 E. C.
Ardo Watson Mitchell	*Rock Island, Ill.*	St. Anthony Hall
Leon Wadsworth Mitchell	*Rock Island, Ill.*	St. Anthony Hall
Harry Moffitt	*Wyoming, Ill.*	12 E. C.
Alden Ellis Moore	*Plainfield, N. J.*	Δ. Υ. House
Otis Chamberlain Morrill	*Portland, Ore.*	Θ. Δ. X. House
William Dunnegan Morrison	*Fall River*	17 S. C.
John Donahoe Murphy	*Pittsfield*	2 E. C.
Lyman Foote Narten	*Cleveland, O.*	X. Ψ. Lodge
William Bushnell Osborne, Jr.	*Victor, N. Y.*	10 E. C.

Howard Thomas Paffard	*Brooklyn, N. Y.*	8 M. H.
DeLancey Palmer	*Albany, N. Y.*	Σ. Φ. Place
Kellogg Patton	*Milwaukee, Wis.*	St. Anthony Hall
Selwyn Reed Pevear	*New York City*	Hoxsey St.
Arthur James Pierce	*Newport, N. H.*	15 E. C.
Miles Fuller Porter, Jr.	*Ft. Wayne, Ind.*	5 M. H.
John Wood Redick	*Omaha, Neb.*	Θ. Δ. X. House
Charles Bolles Rogers	*Oak Park, Ill.*	38 M. H.
John Scott Russell	*Massena, N. Y.*	75 Main St.
Lucius Elmer Sayre, Jr.	*Lawrence, Kans.*	16 M. H.
Edwin Hermann Schiffer	*New York City*	28 J. H.
Walter Harris Smith, Jr.	*LeRoy, N. Y.*	Z. Ψ. House
Bernard Willis Southworth	*Ware*	13 S. C.
Stephen Treat Stanley	*Norwalk, Conn.*	21 E. C.
John Fletcher Steele	*Rochester, N. Y.*	St. Anthony Hall
Walter Maurice Sternberger	*New York City*	1 M. H.
Clarence Bennett Stewart	*North Troy, N. Y.*	4 S. C.
Kenneth Campbell Stewart	*Chittenango, N. Y.*	2 E. C.
Samuel Baker Stocking	*Williamstown*	Φ. Society House
Lawrence Joseph Stoddard	*Greenfield*	9 S. C.
Arthur Harris Thompson	*Minneapolis, Minn.*	37 M. H.
Austin Bassett Thompson	*Orange, N. J.*	3 E. C.
Oswald Tower	*North Adams*	22 E. C.
Richard Stanley Tuthill, Jr.	*Chicago, Ill.*	Σ. Φ. Place
Robert Pettit Waller	*Indiana, Pa.*	Hoxsey St.
Lucius Parsons Warren	*Chicago, Ill.*	K. A. Lodge
Robert Joesbury Weeks	*Riverhead, N. Y.*	Φ. Δ. Θ. House
Karl Stephens Wells	*Williamstown*	63 Main St.
Thomas Rochester Wheeler	*Buffalo, N. Y.*	12 W. C.
Henry Lawrence Whittemore	*Dorchester*	St. Anthony Hall
Edward Brockway Wight	*Milwaukee, Wis.*	37 M. H.
Leopold Livingstone Wilder	*Africa*	10 Hoxsey St.
Carroll Atwood Wilson	*Westfield*	24 E. C.
William Richmond Witherell	*North Adams*	38 M. H.
William Stowell Wooster	*Albany, N. Y.*	Δ. K. E. House
William Page Yarnelle	*Fort Wayne, Ind.*	X. Ψ. Lodge

SOPHOMORES—CLASS OF 1908

Perley Walcott Aldrich	*Newark, N. J.*	12 S. C.
Atkinson Allen	*Rochester, N. Y.*	5 W. C.
Brinton Paine Allen	*Longmeadow*	Φ. Society House
Larned vanPatten Allen	*Davenport, Iowa*	35 M. H.
Francis Ferris Anderson	*St. Paul, Minn.*	10 C. H.
Eliot Doremus Atwater	*Poughkeepsie, N. Y.*	7 W. C.
Abram Edgar Aub	*Cincinnati, O.*	32 M. H.
Francis Ashton Ayer	*Saranac Lake, N. Y.*	24 M. H.
Otto Bachmeister	*Toulon, Ill.*	11 S. C.
Henry Edward Bedford, Jr.	*Brooklyn, N. Y.*	25 M. H.
Francis Edwin Bowker, Jr.	*Waltham*	14 W. C.
Cecil Beaumont Bradley	*New York City*	K. A. Lodge
Downing Potter Brown	*Portland, Me.*	14 W. C.
James Atkins Bullard	*East Orange, N. J.*	10 C. H.
John Joseph Butler, Jr.	*Worcester*	14 S. C.
John Kenneth Byard	*Fly Creek, N. Y.*	Z. Ψ. House
Eugene Augustine Clark	*Washington, D. C.*	Spring St.
Horace Gillette Cleveland	*Ridgewood, N. J.*	St. Anthony Hall
John Leonard Cole	*Hoosick Falls, N. Y.*	4 E. C.
George Tilden Colman	*Buffalo, N. Y.*	4 E. C.
Roy Stanley Corwin	*Riverhead, N. Y.*	12 S. C.
James Leonard Crittenden	*Milwaukee, Wis.*	10 M. H.
Alfred Ludlum Deyo	*Poughkeepsie, N. Y.*	6 S. C.
William Niles Elder	*Brooklyn, N. Y.*	Δ. K. E. House
Lyman Eldridge	*Williamstown*	12 Glen St.
Harold Chamberlain Fenno	*Plainfield, N. J.*	16 C. H.
John Herman Fischer	*Weeping Water, Neb.*	Thomas St.
Milton Albert Fischer	*East Orange, N. J.*	Main St.
Hiram Wilson Fisher	*Wolfboro, N. H.*	Δ. Υ. House
Allen Miller Fletcher, Jr.	*Indianapolis, Ind.*	Θ. Δ. X. House
Sumner Ford	*Brooklyn, N. Y.*	15 M. H.
Luther Richardson Fowle	*New York City*	7 C. H.
Theodore Wilson Fowle	*Auburndale*	7 C. H.
Walter Atherton Fullerton	*Saratoga Springs, N. Y.*	36 M. H.

Ezra Kendall Gillett	*Pelham Manor, N. Y.*	17 M. H.
John Lister Goodbody	*Haledon, N. J.*	5 M. H.
George Warner Griffin	*New York City*	Φ. Δ. Θ. House
Albert Clinton Griswold	*Wethersfield, Conn.*	Z. Ψ. House
Harold Hull Griswold	*Meriden, Conn.*	5 W. C.
Elmer Philip Groben	*Buffalo, N. Y.*	7 M. H.
Frederick John Vincent Hancox	*Troy, N. Y.*	9 C. H.
Richard Jerome Harman	*Rutland, Vt.*	17 M. H.
Edward Pollock Harriott	*Brooklyn, N. Y.*	25 M. H.
Maynard Thompson Hazen	*Middletown, Conn.*	4 Park St.
Albert Jay Hill, Jr.	*Medina, N. Y.*	17 C. H.
Henry Stanley Hillyer	*East Orange, N. J.*	W. Main St.
George Edgar Hite, 2d	*White Plains, N. Y.*	Θ. Δ. X. House
Raymond Carleton Hodgkinson	*Wallingford, Conn.*	20 M. H.
Lindsay Duncan Holmes	*Elmira, N. Y.*	Netherleigh
Harry Miner Ives	*Danbury, Conn.*	29 J. H.
Hallett Johnson	*New York City*	16 W. C.
James Henry Knight	*Chicago, Ill.*	29 M. H.
Walter Maurice Lacey	*Cheyenne, Wyo.*	21 M. H.
Harold Hawkins LaMent	*Pittsfield*	10 Hoxsey St.
Stanton Budington Leeds	*New York City*	Θ. Δ. X. House
Jonathan Edwards Loughridge	*Peoria, Ill.*	22 M. H.
George Pleasants Lynde	*Chicago, Ill.*	35 M. H.
William Smith McClellan	*York, Pa.*	Φ. Δ. Θ. House
Benjamin Floyd McGuckin	*New York City*	33 M. H.
Richard Henry McIntyre, Jr.	*Saranac Lake, N. Y.*	18 M. H.
Myron Teasdale MacLaren	*Milwaukee, Wis.*	30 M. H.
Walter Scott McPherson	*Chicago, Ill.*	12 Hoxsey St.
Nathaniel Mills	*Mount Vernon, N. Y.*	32 M. H.
Charles Parmenter Moies, Jr.	*Central Falls, R. I.*	Σ. Φ. Place
James Burch Murray	*Utica, N. Y.*	7 W. C.
Gerald Mygatt	*New York City*	16 M. H.
Charles Frederick Nelson	*Lafayette, Ill.*	Φ. Society House
Clarence Bennett Osterhout	*Auburn, N. Y.*	10 Hoxsey St.
George Stephen Parker	*Boston*	23 M. H.
Carl Ellsworth Parsons	*North Adams*	19 E. C.

Harold Conant Payson	*Portland, Me.*	14 W. C.
Charles Andrew Pusey	*Ancram, N. Y.*	17 C. H.
Carl Wheeler Rand	*Monson*	7 North St.
Harold Fuller Reed	*Wellesley Hills*	3 M. H.
Charles Dwight Reid, Jr.	*Auburn, N. Y.*	31 M. H.
Richard Bradley Rising	*Springfield*	15 M. H.
Tracey Allen Rudd	*Albany, N. Y.*	13 W. C.
Arthur Joseph Santry	*Roxbury,*	4 Park St.
William Henry Sawyer, Jr.	*Worcester*	18 M. H.
William Hendrix Scarritt	*Kansas City, Mo.*	3 W. C.
Walter W. Scofield, Jr.	*Dalton*	Φ. Society House
David Burnet Scott	*New York City*	6 North St.
Charles Donald Sheldon	*Red Wing, Minn.*	31 M. H.
Noble Wyman Sheldon	*Westfield*	1 E. C.
William Ernest Slattery	*North Troy, N. Y.*	12 Hoxsey St.
Francis Joseph Sleeper	*Elba, N. Y.*	1 E. C.
James Michael Stower	*Plattsburgh, N. Y.*	26 M. H.
Gilbert Partridge Taylor	*New York City*	A. Δ. Φ. House
Telford King Thompson	*Minneapolis, Minn.*	Netherleigh
Reynolds King Townsend	*Albany, N. Y.*	Σ. Φ. Place
Timothy Oakley VanAllen	*Northumberland, Pa.*	16 C. H.
Harold Frederic Walker	*Woodbury, Conn.*	18 C. H.
James Watters	*Watervleit, N. Y.*	9 C. H.
Ora Sears Webster	*Swanton, Vt.*	Δ. K. E. House
Bernard Westermann	*Overbrook, Pa.*	West Main St.
William Overton Winston, Jr.	*Minneapolis, Minn.*	22 M. H.
John Woodcock	*Hollidaysburg, Pa.*	8 M. H.
William Dudley Woodhouse	*Wethersfield, Conn.*	Z. Ψ. House
Kenneth Noble Woodward	*New York City*	6 North St.

FRESHMEN—CLASS OF 1909

Collins Atwater	*Westfield*	26 J. H.
John Frederick Bargfrede	*Pearl River, N. Y.*	14 M. H.
George Remington Bonner	*Toledo, O.*	5 Glen St.
Leslie Lee Bottsford	*Moscow, N. Y.*	5 Thomas St.
Richard Meldrum Brady	*Washington, Pa.*	3 W. C.
Robert Elmer Brady	*Katonah, N. Y.*	5 Glen St.
Daniel Low Bridgman	*Stapleton, N. Y.*	12 M. H.
Clarence Fayette Brown	*Montclair, N. J.*	9 M. H.
William Alvord Burke	*Lowell*	3 South St.
Winthrop Parkhurst Buttrick	*Lowell*	10 Hoxsey St.
Arthur William Campbell	*Waco, Texas*	W. Main St.
Samuel Neil Campbell	*Indianapolis, Ind.*	20 M. H.
John Howe Carlisle	*Passaic, N. J.*	3 M. H.
Bert Clarence Cate	*Warsaw, N. Y.*	Room B, C. H.
Clyde Coleman	*Victoria, Ill.*	11 S. C.
Wesley Franklin Coney	*Ware*	112 Church St.
John Franklin Crawford	*Flushing, N. Y.*	10 W. C.
Edward Frank Curtis	*Williamstown*	43 Cole Ave.
Eliot Olmstead Cushing	*East Orange, N. J.*	4 Park St.
Benjamin Frederick Dawson	*Rhinebeck, N. Y.*	29 M. H.
Edwin Winfield Day	*Chicago, Ill.*	75 Main St.
Francis Henshaw Dewey, Jr.	*Worcester*	6 North St.
Howard Saunier Dodd	*Glen Ridge, N. J.*	2 C. H.
Payson Stone Douglass	*Orange, N. J.*	Σ. Φ. Place
Herbert Richard Dryfoos	*Cleveland, O.*	1 W. C.
Joseph Peterson Dumesnil	*Louisville, Ky.*	11 W. C.
George Engelhard	*Evanston, Ill.*	9 E. C.
Morris Leopold Ernst	*New York City*	75 Main St.
Richardson Henderson Eurich	*Montclair, N. J.*	9 M. H.
Henry Cromwell Field	*Brooklyn, N. Y.*	1 C. H.
Harry Linn Fisher	*Weehawken, N. J.*	3 E. C.
Donald Murray Forgan	*Chicago, Ill.*	10 Hoxsey St.
James Sydney Forsyth	*Watervliet, N. Y.*	110 Main St.
Paul Warren Fowler	*Manchester Depot, Vt.*	3 Hoxsey St.

Vincent Japha Frank	*New York City*	Δ. K. E. House
William Roy Gallup	*Victor, N. Y.*	Room A, C. H.
Frederick Merrick Gardiner	*Lancaster, Pa.*	14 C. H.
George Bergen George	*Indianapolis, Ind.*	30 M. H.
Benjamin Stuart Gutelius	*Moscow, N. Y.*	Thomas St.
Wilder Gutterson	*Winchester*	12 C. H.
Levant Mason Hall	*Jamestown, N. Y.*	62 Main St.
Frank Myers Hamilton	*Buffalo, N. Y.*	35 M. H.
Percy Waters Hammond	*New Rochelle, N. Y.*	6 North St.
Joseph Osgood Hanson	*Chicago, Ill.*	23 J. H.
Henry William Harter, Jr.	*Canton, O.*	3 Hoxsey St.
Everett Luce Hazelton	*Portland, Me.*	10 W. C.
Lawrence Rust Hills	*Gambier, O.*	11 C. H.
William Henry Hoch	*Worcester*	18 M. H.
Charles Samuel Holmes	*Montclair, N. J.*	13 Hoxsey St.
Mahlon Ernest Hopkins	*Fishers, N. Y.*	Room A, C. H.
Charles Bonnifield Hormel	*Cedar Rapids, Iowa*	8 Hoxsey St.
Gilbert Horrax	*Montclair, N. J.*	13 M. H.
Julian Bigelow Howe	*New York City*	Φ. Δ. Θ. House
Kenneth Jenkins Howe	*Mt. Vernon, N. Y.*	12 Hoxsey St.
Guy Ransome Jenkins, 2d	*Montclair, N. J.*	34 M. H.
Henry Rust Johnston	*Chicago*	23 J. H.
Charles Alvin Jones	*Newport, Pa.*	Φ. Δ. Θ. House
Kenyon Arthur Keith	*Minneapolis, Minn.*	27 J. H.
George Herbert Kelley	*Weymouth*	5 S. C.
Eldred Klauser	*Milwaukee, Wis.*	28 M. H.
Virgil P. Kline, Jr.	*Cleveland, O.*	29 J. H.
Almet Reed Latson, Jr.	*Brooklyn, N. Y.*	10 Park St.
Paul Root Laurence	*Boston*	14 Hoxsey St.
Allen Lefferts	*New York City*	8 Hoxsey St.
Harold MacLean Lewis	*Brooklyn, N. Y.*	13 M. H.
Alan Lichtenhein	*New York City*	3 C. H.
Roger Sherman Loomis	*Yokohama, Japan*	24 Southworth St.
Mark Walton Maclay, Jr.	*New York City*	2 W. C.
Allen McDougall	*Plattsburgh, N. Y.*	26 M. H.
Albert Ralph McMeen	*Mifflin, Pa.*	5 Spring St.

Walter Christian Mahan	*West Roxbury*	23 M. H.
James Matless	*Keokuk, Iowa*	12 Hoxsey St.
Carl Dusenbury Matz	*Chicago*	10 Hoxsey St.
Wyatt Turner Mayer	*Albany, N. Y.*	10 Park St.
Samuel Mundy Meeker, Jr.	*Brooklyn, N. Y.*	Φ. Δ. Θ. House
Sterling Armstrong Millard	*Utica, N. Y.*	8 C. H.
James Henry Mitchell, Jr.	*Cohoes, N. Y.*	10 Hoxsey St.
Robert Chamberlain Mitchell	*Rock Island, Ill.*	28 M. H.
Herbert Dewey Moon	*Williamstown*	Bulkley St.
Gilbert Livingston Morse	*New York City*	15 C. H.
Frederick Merchant Myers	*Bennington, Vt.*	11 C. H.
John Emmanuel Nelson	*Shelburne Falls*	Main St.
Robert Edward Noble	*Adams*	106 Main St.
Arthur Gromann Noehren	*New York City*	1 C. H.
Sidney Douglass Palmer	*Plainfield, N. J.*	23 E. C.
Henry Beaumont Pennell, Jr.	*Portland, Me.*	11 W. C.
Ralph Perkins	*Cleveland, O.*	8 Hoxsey St.
Harry Harvey Pike	*New York City*	4 C. H.
Hickman Price	*Seattle, Wash.*	Θ. Δ. X. House
Daniel Edgar Pugh, Jr.	*Elmira, N. Y.*	Netherleigh
Alexander Gebhart Reed	*Dayton, O.*	6 W. C.
William George Rifenbergh	*Pittsfield*	15 C. H.
Carroll Everts Robb	*Richmond Hill, N. Y.*	24 J. H.
Edward Foote Rogers	*Lee*	3 Hoxsey St.
Samuel Shepard Rogers, Jr.	*Oak Park, Ill.*	3 Hoxsey St.
Charles Deere Rosenfield	*Rock Island, Ill.*	4 W. C.
Glenn Nelson Rowell	*Keene, N. H.*	5 Thomas St.
Paul Rowland	*Sapporo, Japan*	24 Southworth St.
Harry Moore Royce	*Rutland, Vt.*	12 Hoxsey St.
Guy Meredith Russell	*Portland, Me.*	Latham St.
Zenas Henry Russell	*Honesdale, Pa.*	107 Main St.
Graham Ryle	*Paterson, N. J.*	24 M. H.
Francis Bowes Sayre	*So. Bethlehem, Pa.*	4 Park St.
Robert Edmund Sears	*New York City*	Φ. Society House
William Simpson Sloan	*New York City*	10 Park St.
Bayard Breese Snowden	*Brooklyn, N. Y.*	14 M. H.

Warren Moulton Spann	*Attica, N. Y.*	Room B, C. H.
Thomas Edward Sterne, Jr.	*Worcester*	6 North St.
William Besexter Stone, Jr.	*Springfield*	16 W. C.
William David Strobel	*Moscow, N. Y.*	3 Thomas St.
Frank Ward Strong	*North Wooodbury, Conn.*	18 C. H.
Edwin Adolph Stumpp	*New Brighton, N. Y.*	12 M. H.
Alexander McKechnie Swain	*Philadelphia, Pa.*	Netherleigh
Theodore Clute Thompson	*Moscow, N. Y.*	3 Thomas St.
Henry Wolcott Toll	*Denver, Col.*	5 Glen Road
George Coe Van de Carr	*Stockport, N. Y.*	4 Park St.
Charles Desmond Wadsworth	*Dorchester*	6 W. C.
Raymond Waite	*Chicago, Ill.*	10 Hoxsey St.
Edwin Morey Waterbury	*Corning, N. Y.*	5 Thomas St.
Clyde Merleton Waters	*Oberlin, O.*	5 S. C.
Stillman Foote Westbrook	*Ogdensburg, N. Y.*	12 C. H.
Philip Noyes Westcott	*Syracuse, N. Y.*	15 W. C.
Oscar McMillan Westen	*East Orange, N. J.*	34 M. H.
Gordon Kirke White	*Boston*	3 South St.
Harold Hunton Wilcox	*Montclair, N. J.*	W. Main St.
Clinton Burgess Willey	*Newtonville*	Δ. T. House
Eleazer Deming Williams	*Pittsfield*	Glen St.
John Henry Williams	*North Adams*	Main St.
Thomas Scudder Winslow	*Poughkeepsie, N. Y.*	2 W. C.
Ralph Stratton Wolcott	*Milton, Vt.*	60 Main St.
Ernest Hosmer Wood	*New York City*	20 C. H.
John Draper Woodfin	*Rutland, Vt.*	5 Glen Road
John Caulfield Woodruff	*Plattsburgh, N. Y.*	26 M. H.
Henry James Young	*Linwood*	The Manix

PARTIAL COURSE STUDENTS

Juniors—Class of 1907

Robert Leon Pease	*Huntington*	Δ. T. House

Sophomores—Class of 1908

Robert Taylor Currier	*Wellesley Hills*	21 M. H.
Willard Ansley Gibson	*Salamanca, N. Y.*	Φ. Δ. Θ. House
Richard Herrmann Kohn	*Cleveland, O.*	4 W. C.
Ernest Jones Marshall	*Baltimore, Md.*	Meacham St.
Vincent Grant Roberts	*Milwaukee, Wis.*	7 M. H.
William Sherman Winslow	*Cold Spring, N. Y.*	Φ. Δ. Θ. House

Freshmen—Class of 1909

Frank Noyes Brooks	*Minneapolis, Minn.*	27 J. H.
Harold Mortimer Green	*Norwalk, Conn.*	3 Hoxsey St.
Walter James Herzfeld	*New York City*	13 Hoxsey St.
Thomas Edward Kinney	*Utica, N. Y.*	13 C. H.
Joseph Whitmore Knapp	*Newburyport*	10 Hoxsey St.
Leslie Eugene McCuen	*Chazy, N. Y.*	16 E. C.
Willis Monroe Menard	*Washington, D. C.*	Meachem St.
Theodore Biggs Metzger	*Elmira, N. Y.*	Netherleigh
Alfred Naumburg	*Yonkers, N. Y.*	12 Hoxsey St.
James William Pennock, Jr.	*Syracuse, N. Y.*	75 Main St.
Charles Amos Robinson	*New York City*	14 E. C.
Garret Schenck, Jr.	*Weston*	10 Hoxsey St.
Livingston Newell Smith	*Westfield*	14 E. C.
Earl Williams Soudant	*Collinsville, Conn.*	3 Hoxsey St.
Robert Titus Stern	*Buffalo, N. Y.*	14 Hoxsey St.
Cromwell Cornelius Thompson	*Sioux City, Iowa*	Hoxsey St.
Lewis Eliphalet Tifft	*Springfield*	14 E. C.
Benno William von Witzleben	*Larchmont Manor, N. Y.*	3 Hoxsey St.

SUMMARY

Graduate Students: Resident	5
Seniors	79
Juniors	106
Sophomores	99
Freshmen	134
Partial Course	25
Total	448

SUMMARY BY STATES

New York	173
Massachusetts	94
Illinois	31
New Jersey	29
Ohio	18
Connecticut	17
Pennsylvania	14
Vermont	9
Indiana	8
Minnesota	8
Wisconsin	8
Iowa	6
Maine	6
New Hampshire	4
Michigan	3
District of Columbia	2
Nebraska	2
California	1
Colorado	1
Missouri	1
Kansas	1
Rhode Island	1
Kentucky	1
Maryland	1
Texas	1
Washington	1
Oregon	1
Wyoming	1
Africa	1
Hawaii	1
India	1
Japan	1
Total	448
Whole Number of Graduates	4235

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